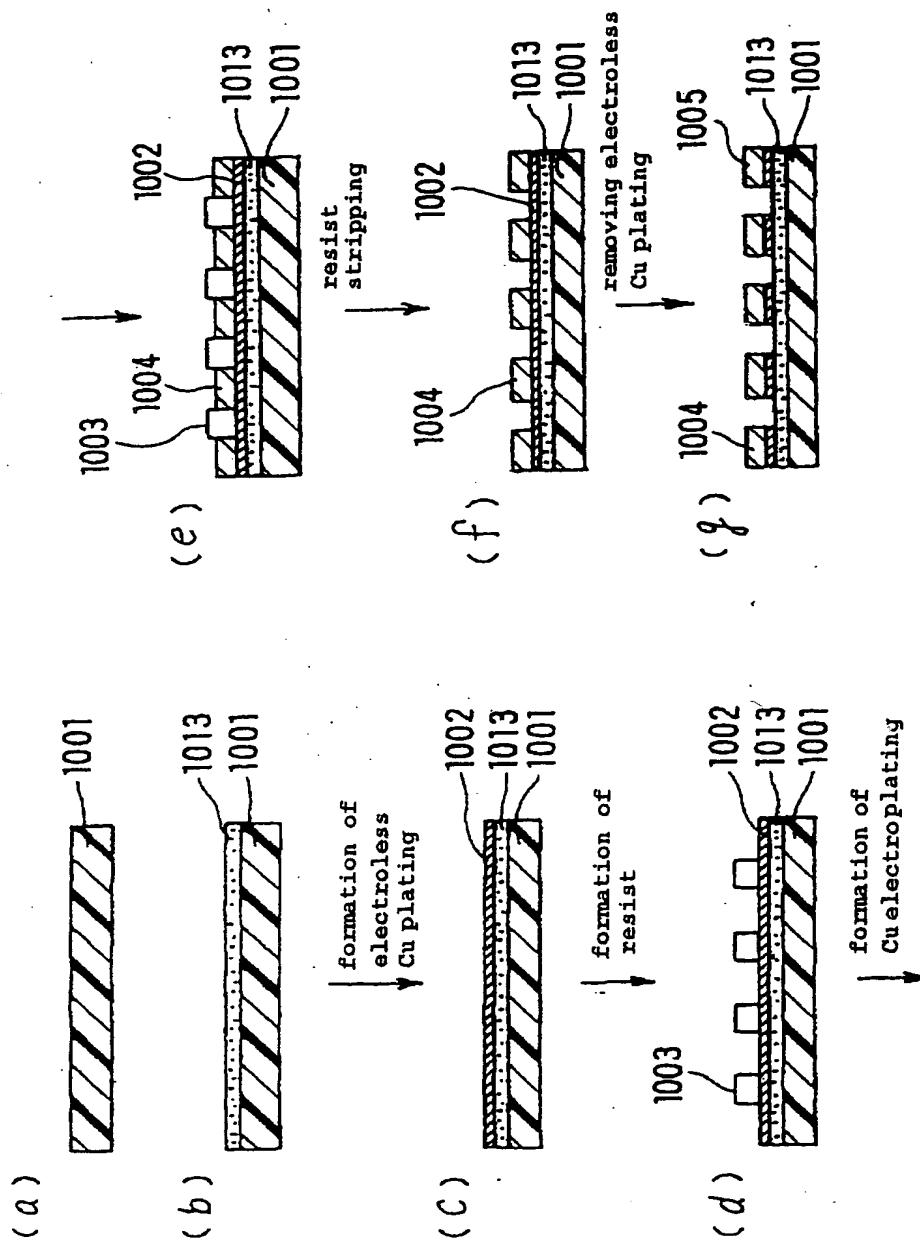


Fig. 1



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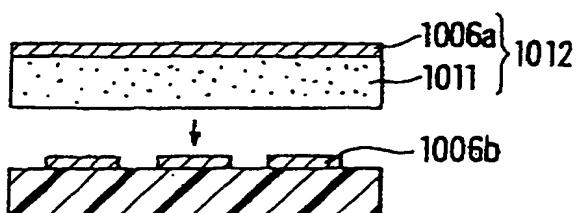
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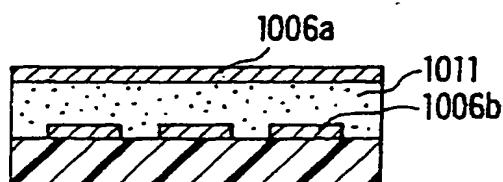
Sheet 2 of 47

Fig. 2

(a)

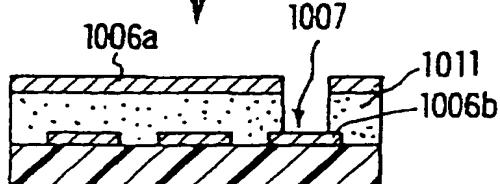


(b)



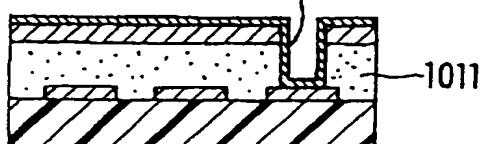
formation of openings
for via holes

(c)



formation of
electroless Cu plating

(d)



(e)

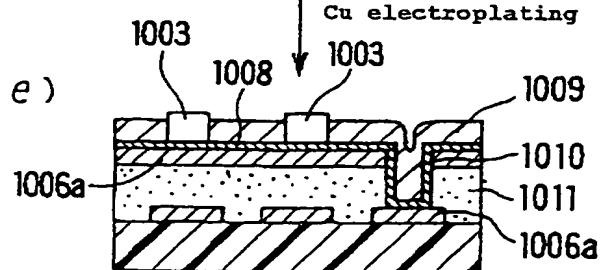


Fig. 3

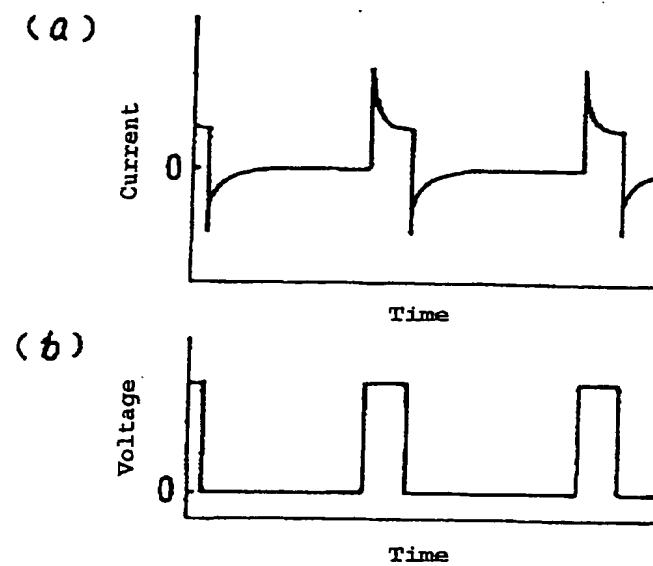
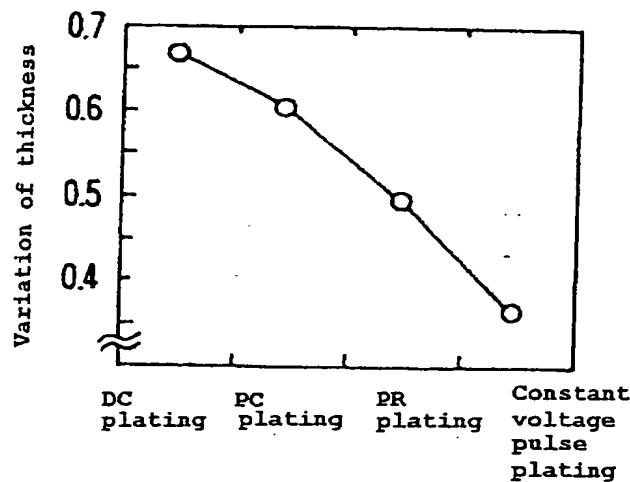


Fig. 4



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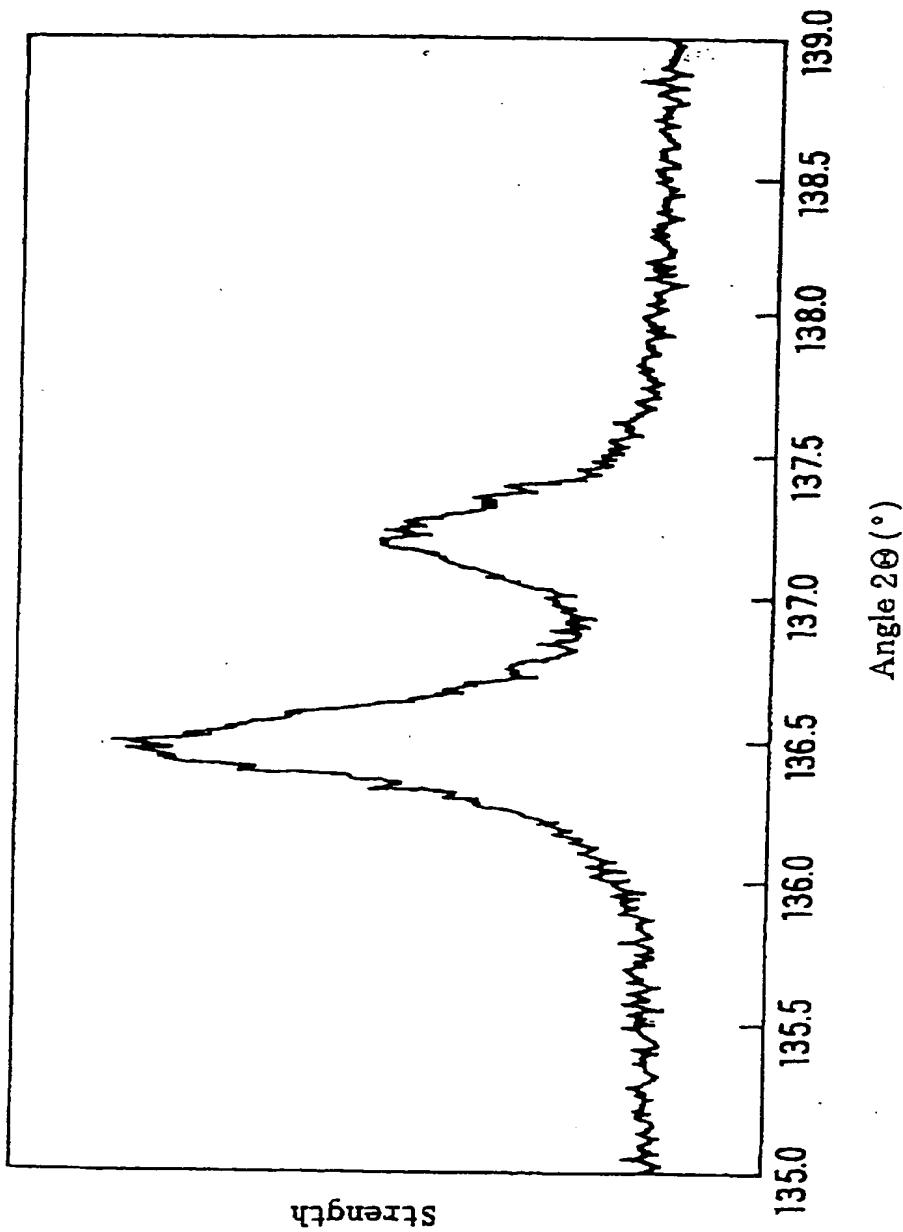
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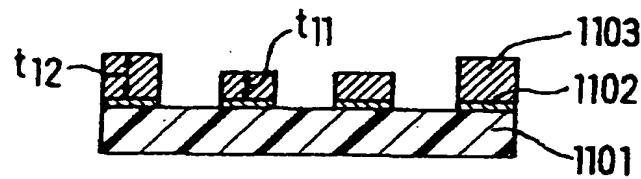
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Fig. 5

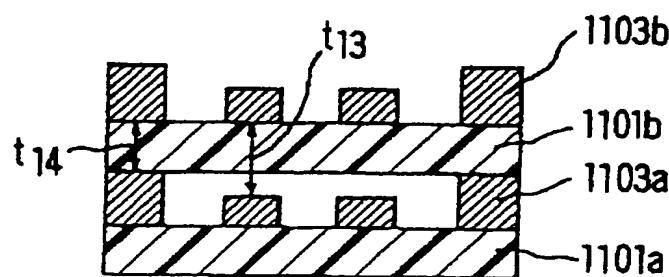


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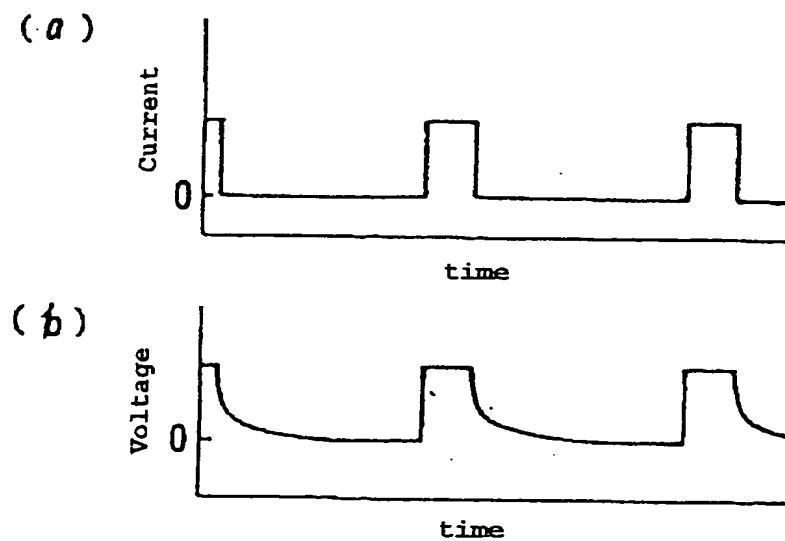
F i g . 6



F i g . 7



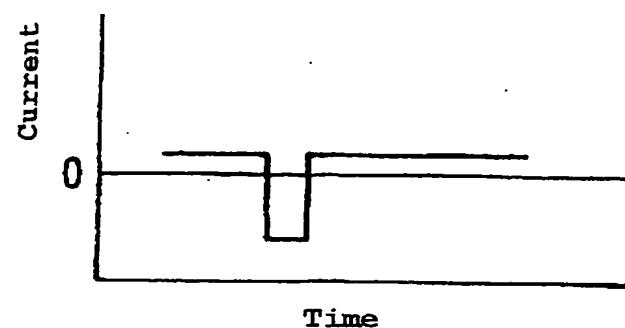
F i g . 8



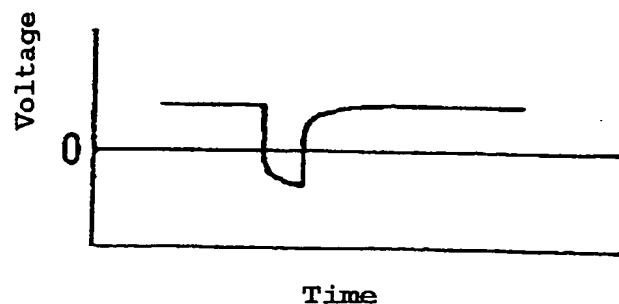
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Fig. 9

(a)



(b)



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Fig. 10

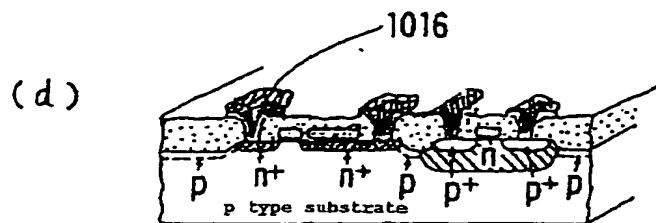
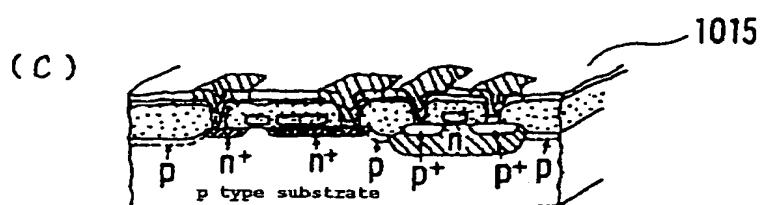
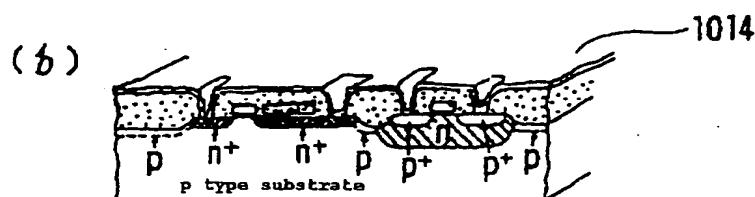
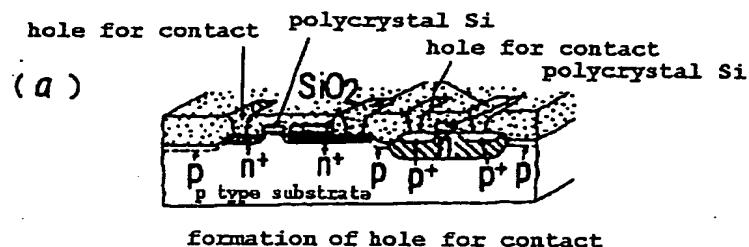
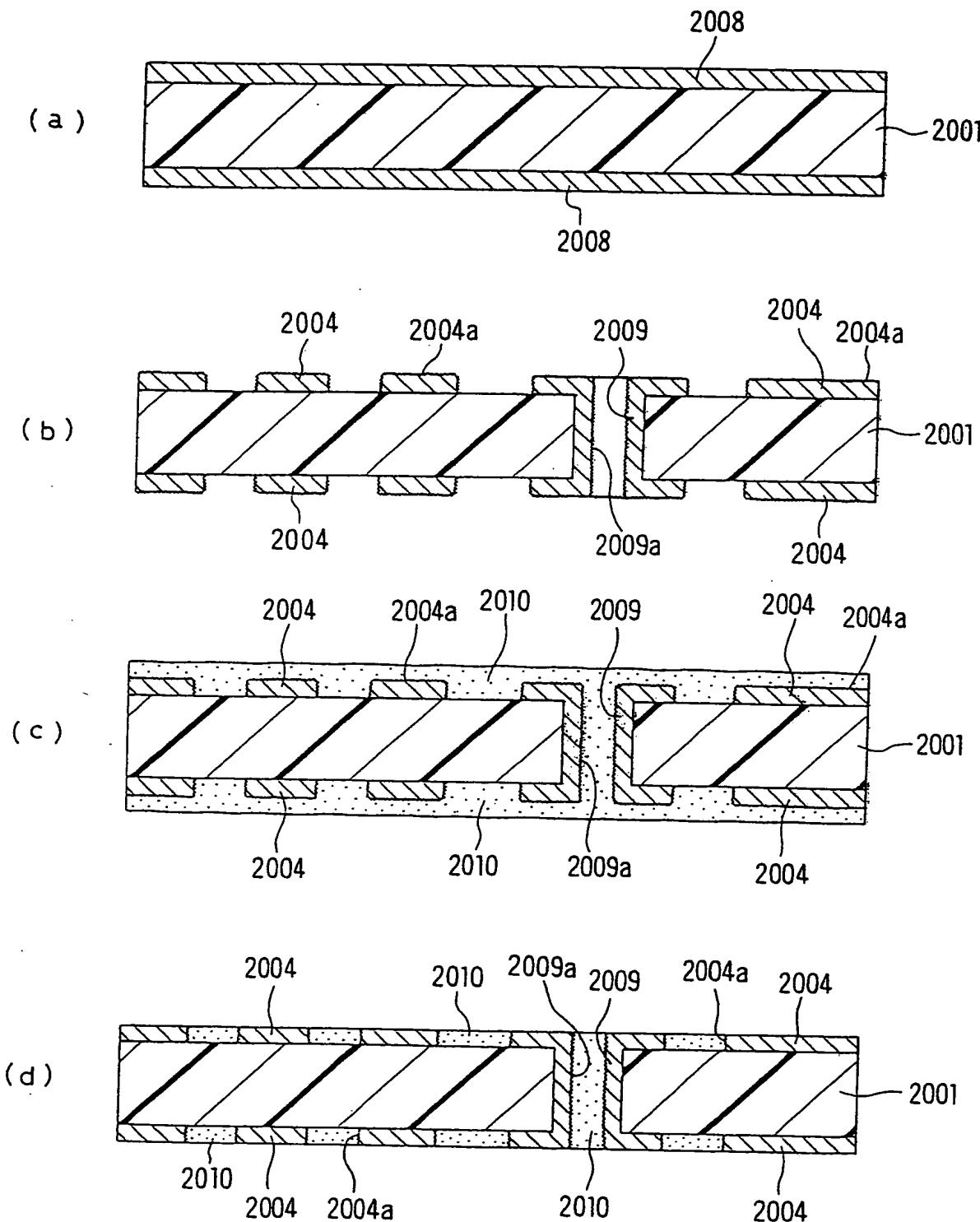


Fig. 11



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Fig. 3. Summary of Formal Drawings

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Fig. 12

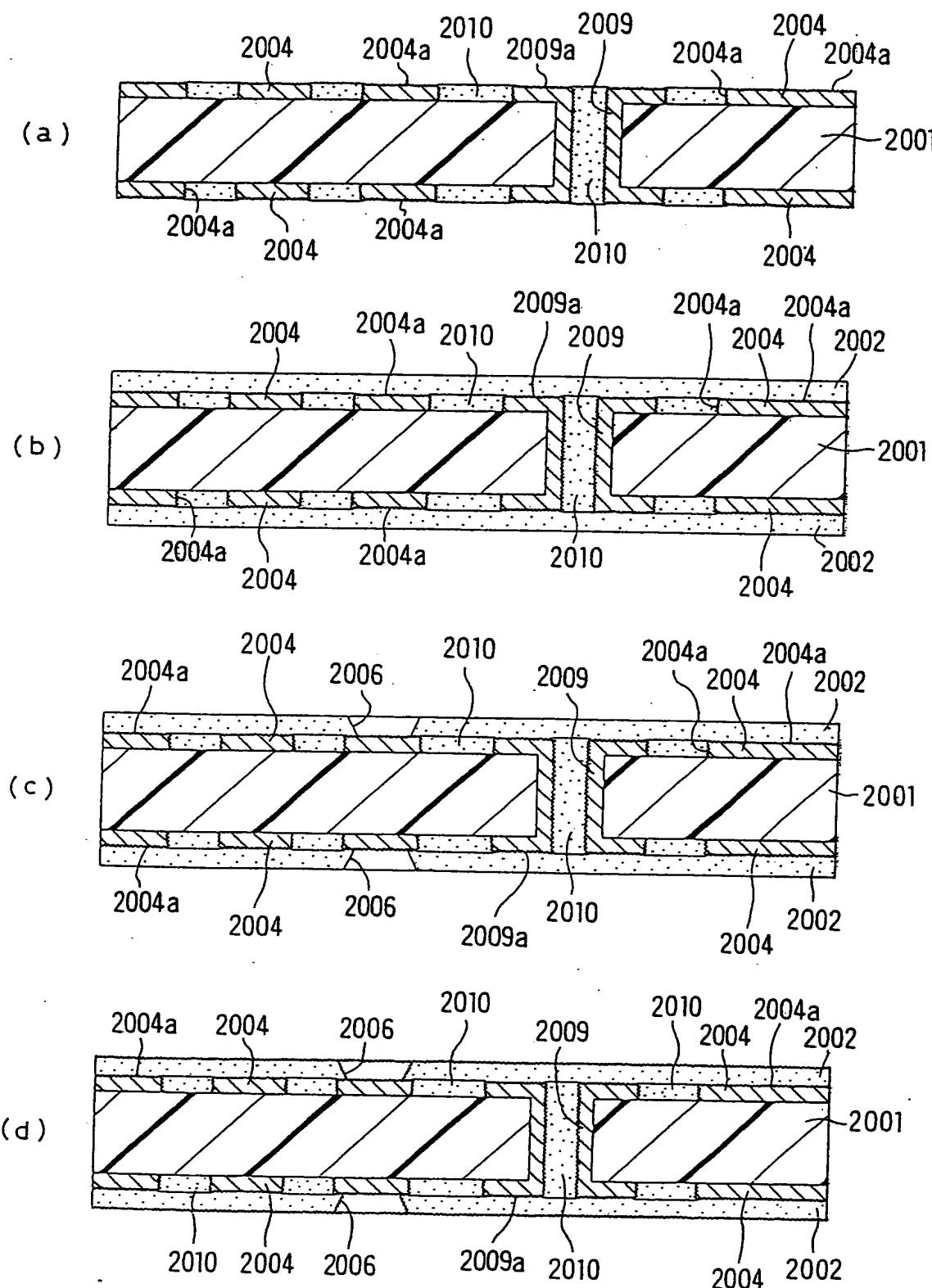
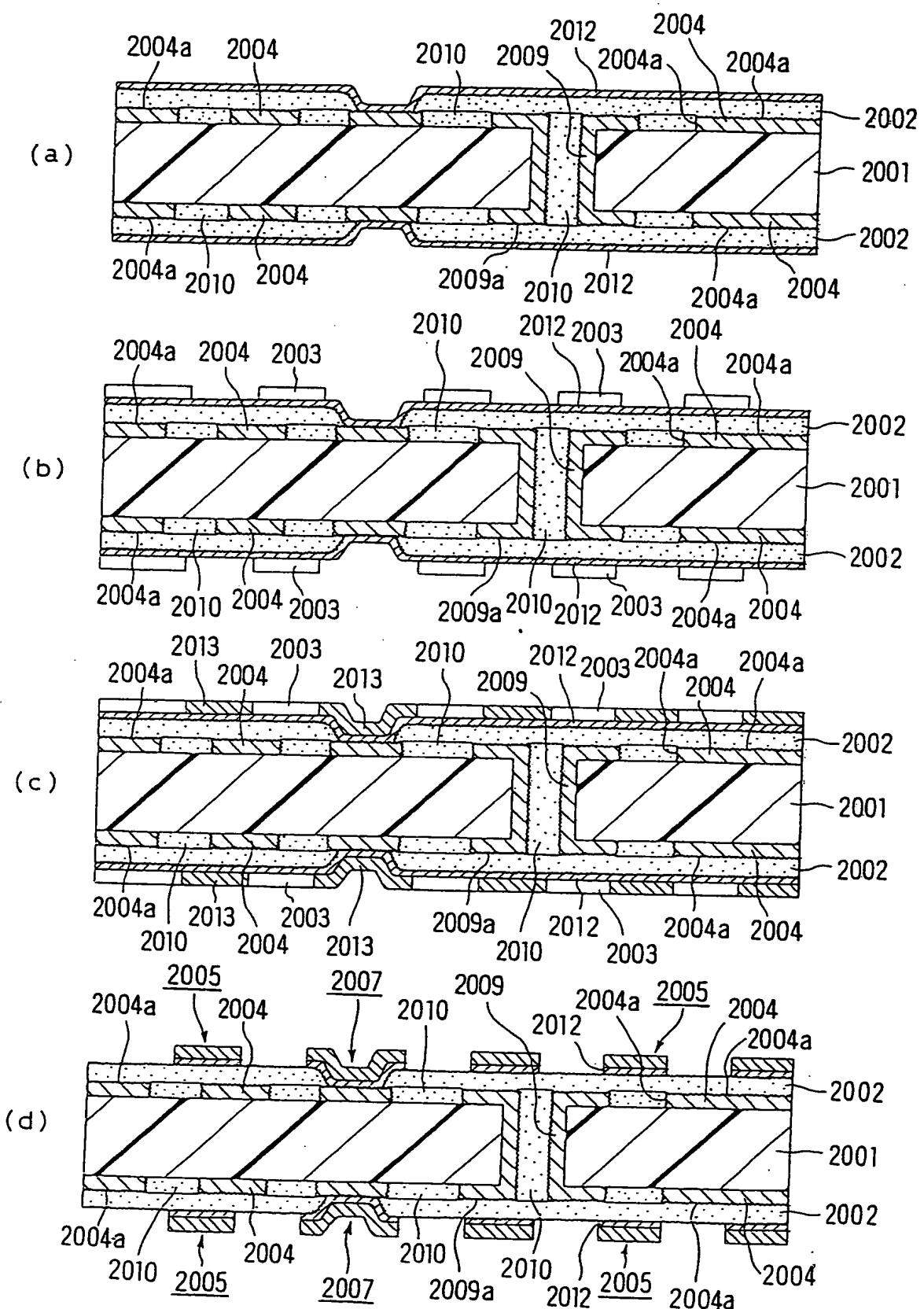


Fig. 13



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Fig. 14

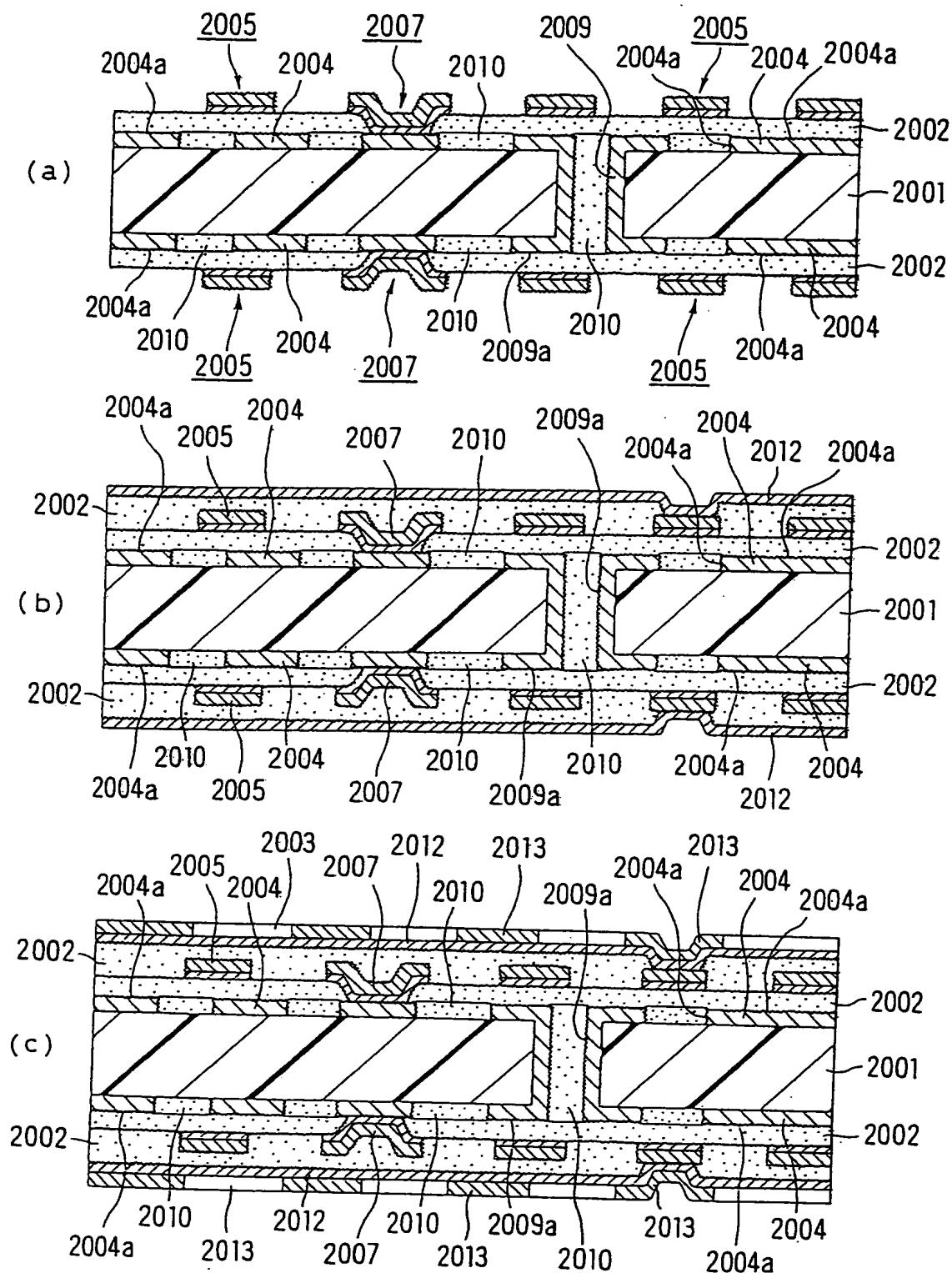
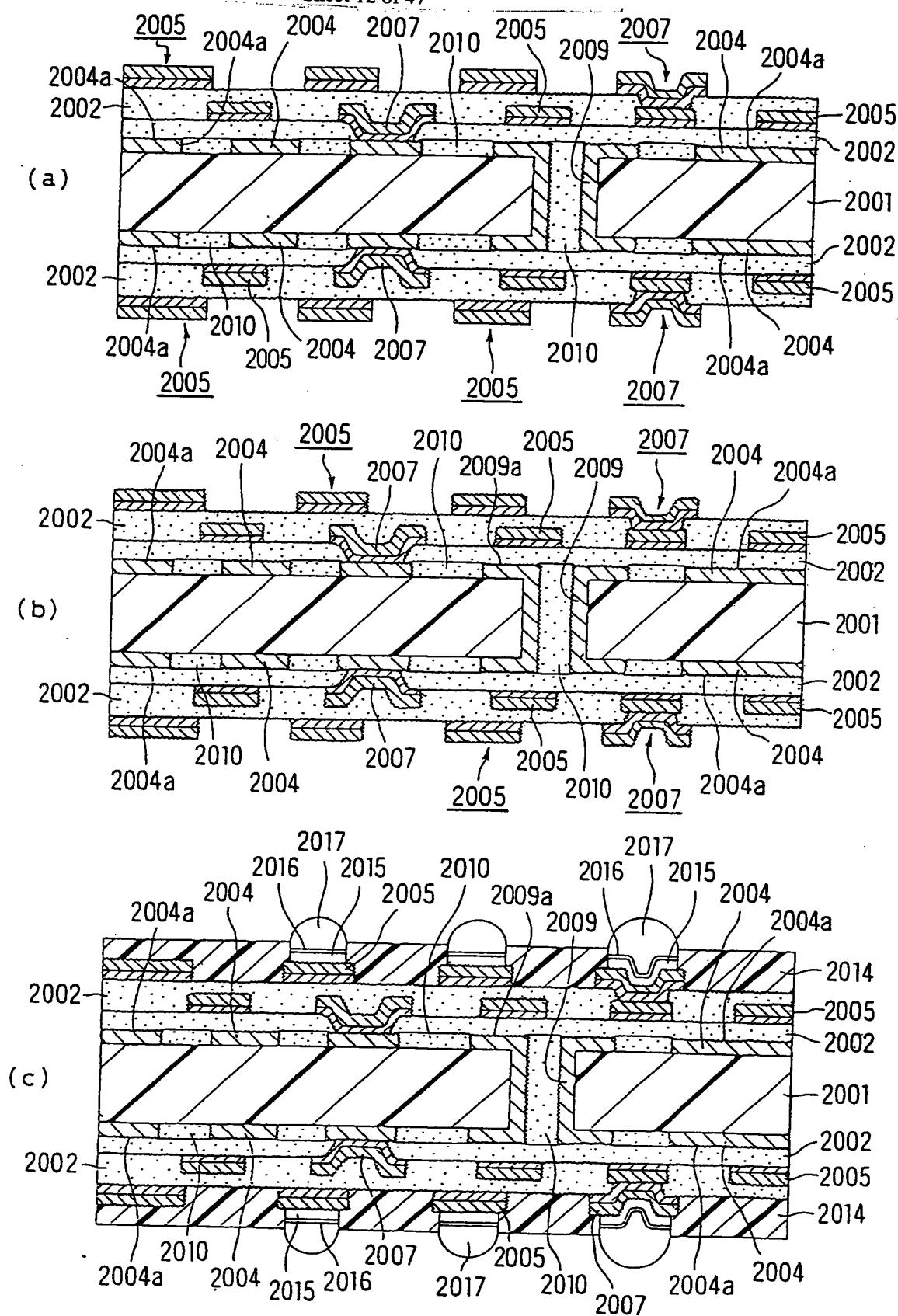
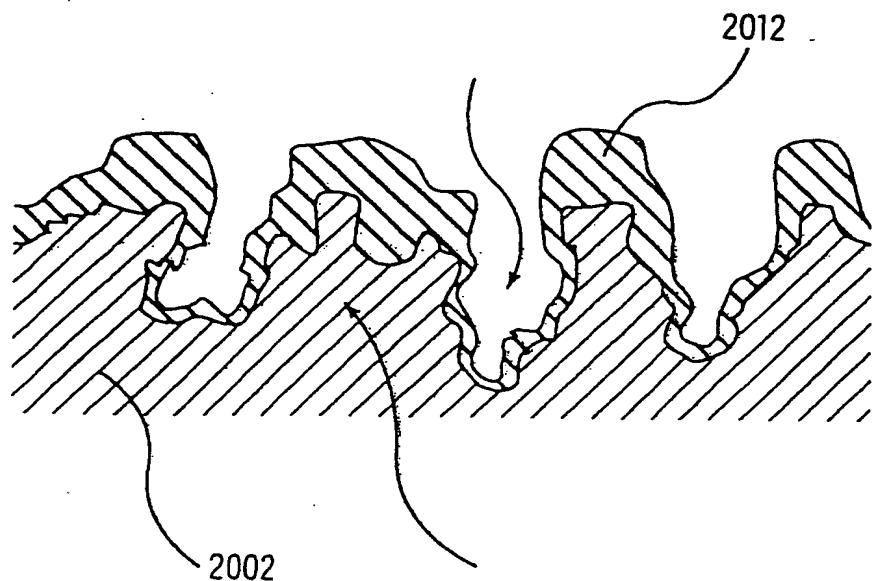


Fig. 15



F i g . 1 6

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F i g . 1 7

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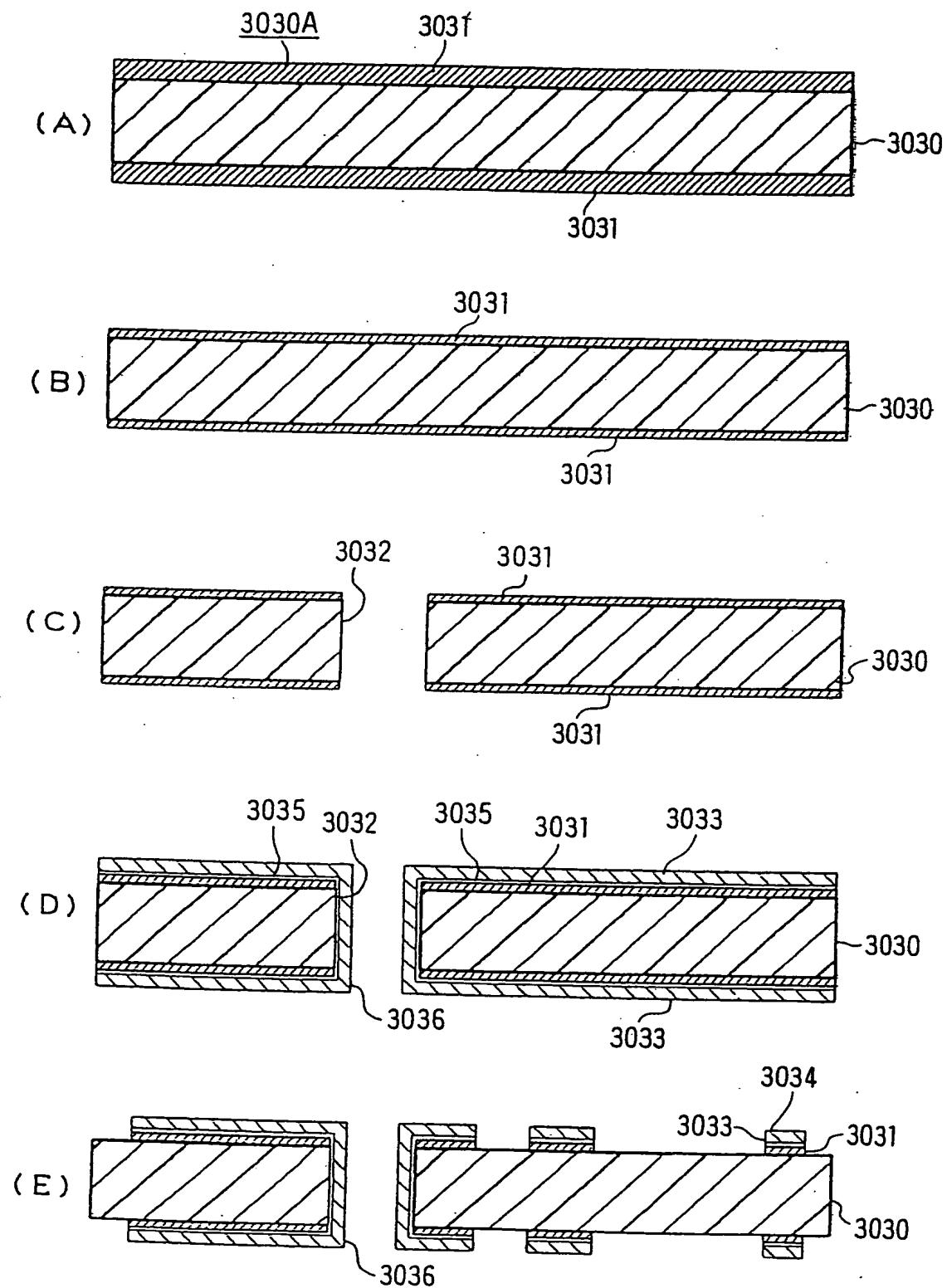


Fig. 18

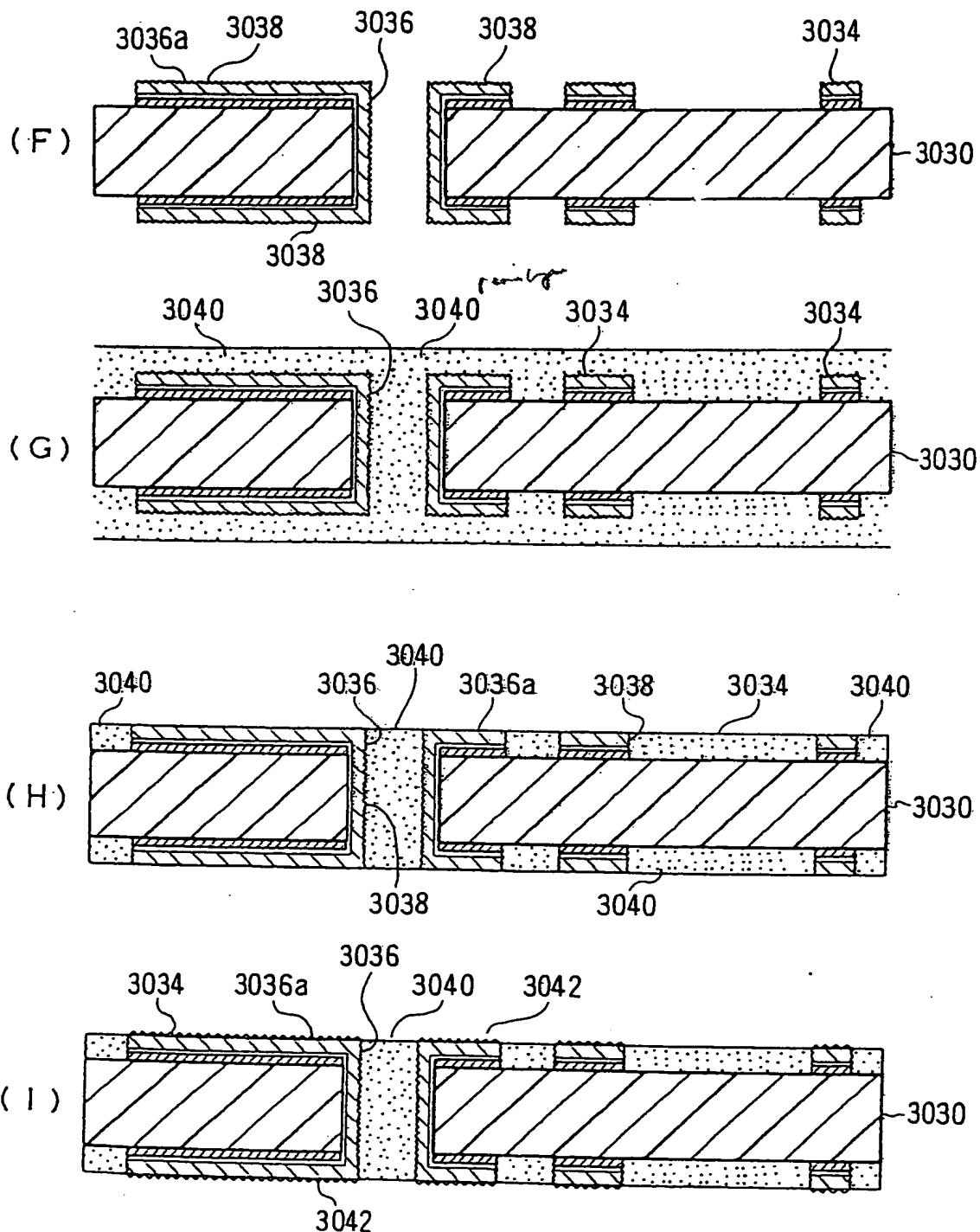


Fig. 19

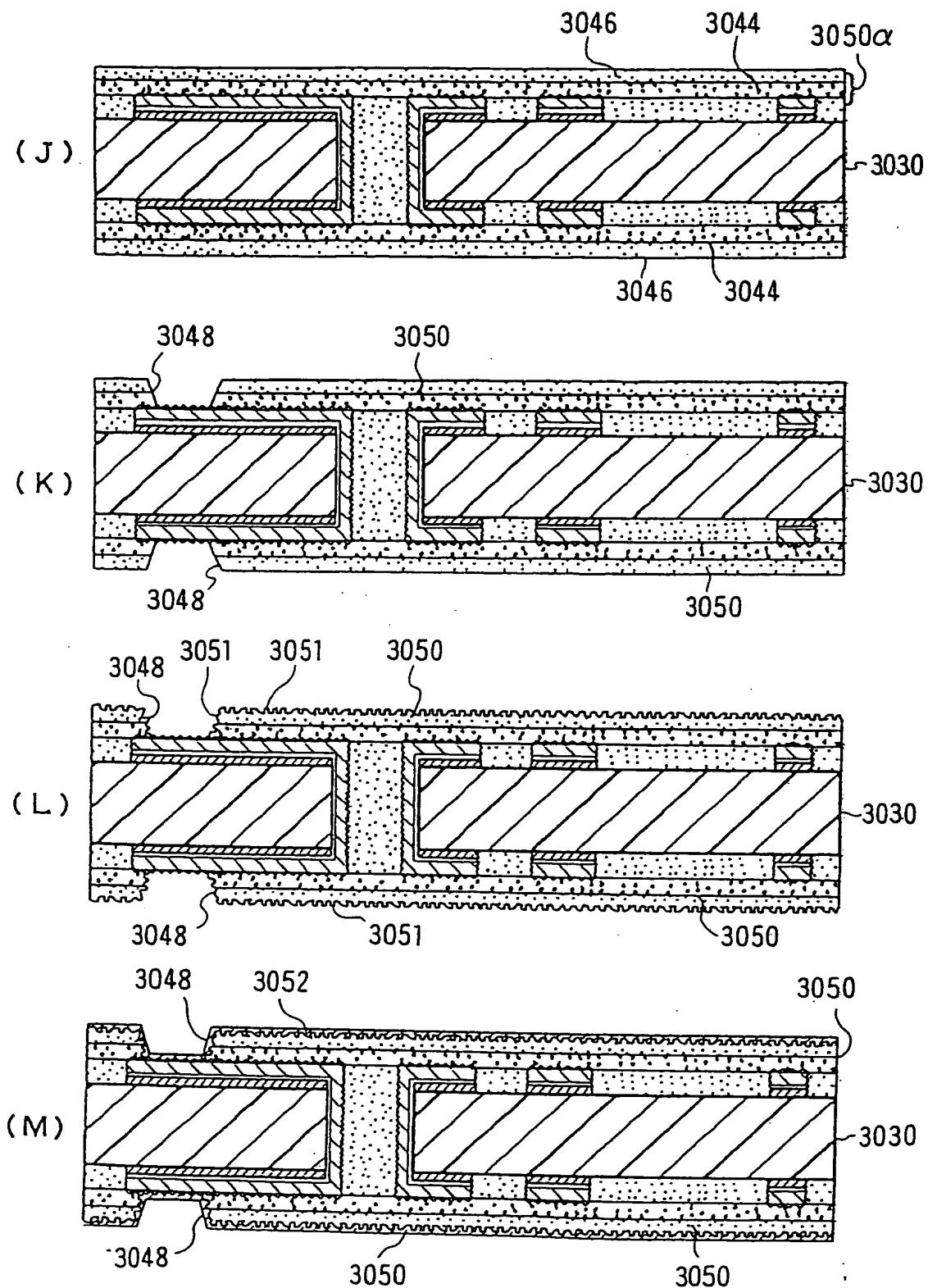


Fig. 20

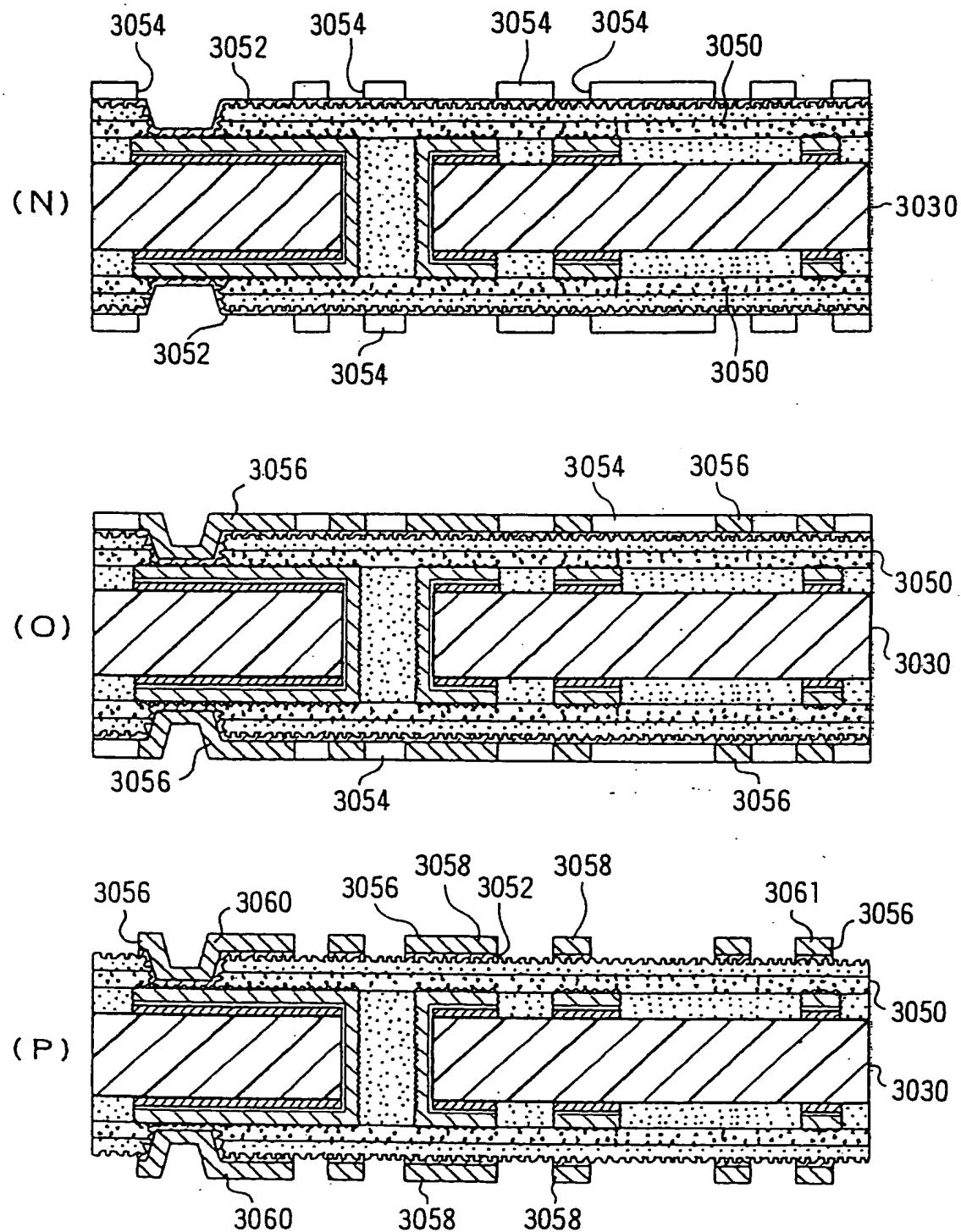


Fig. 21

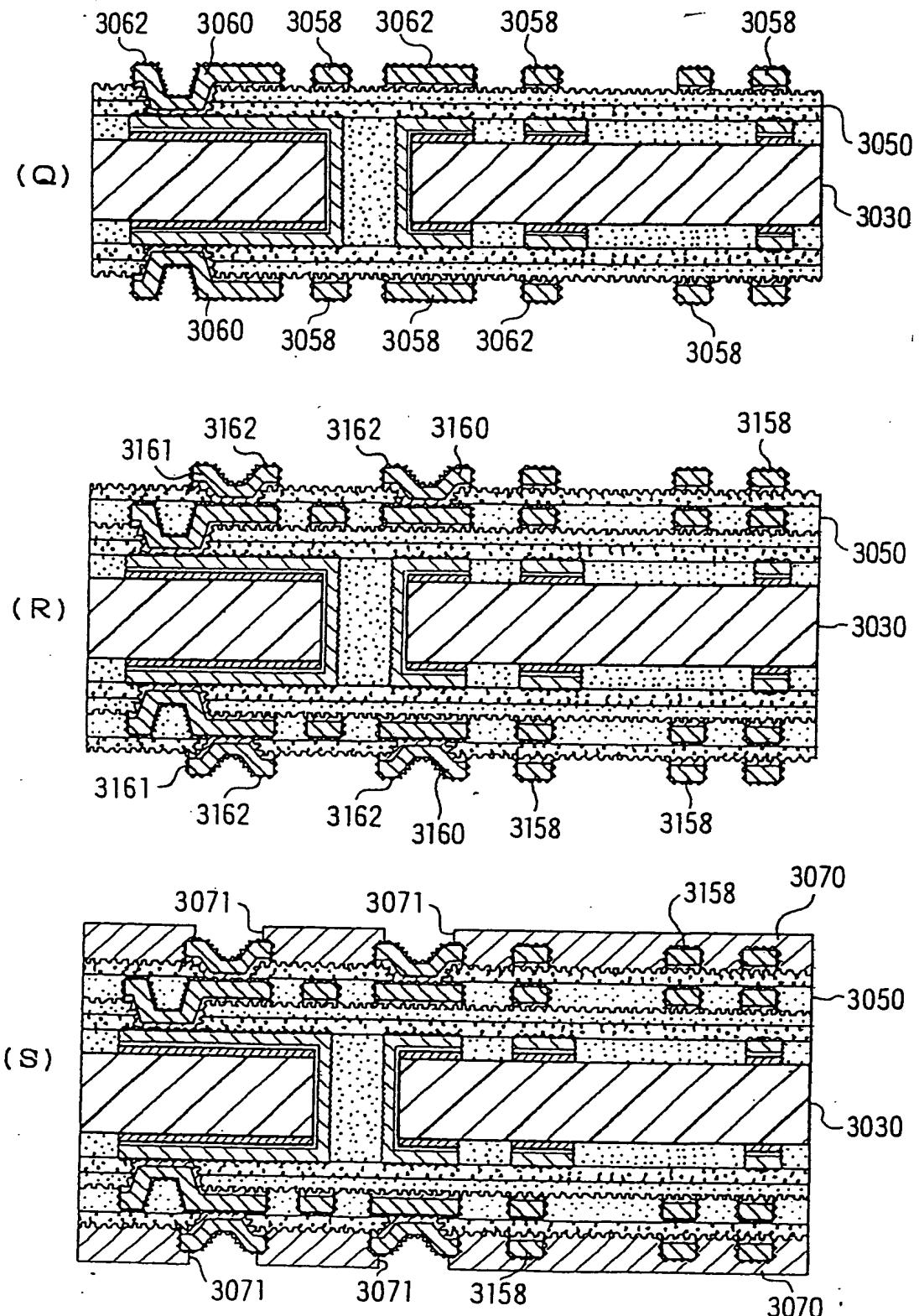
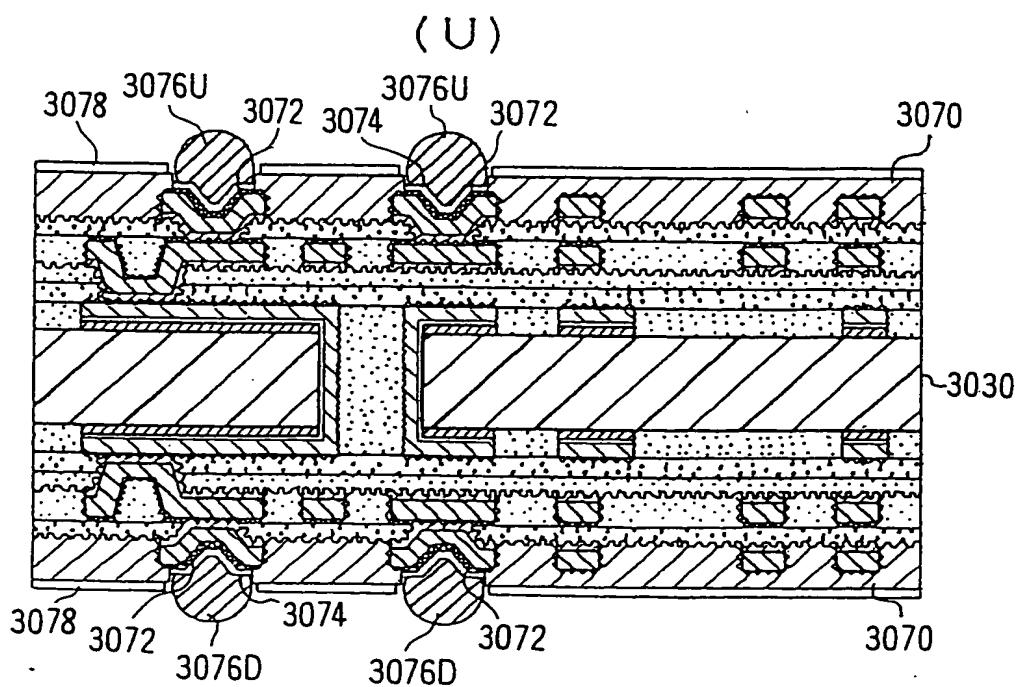
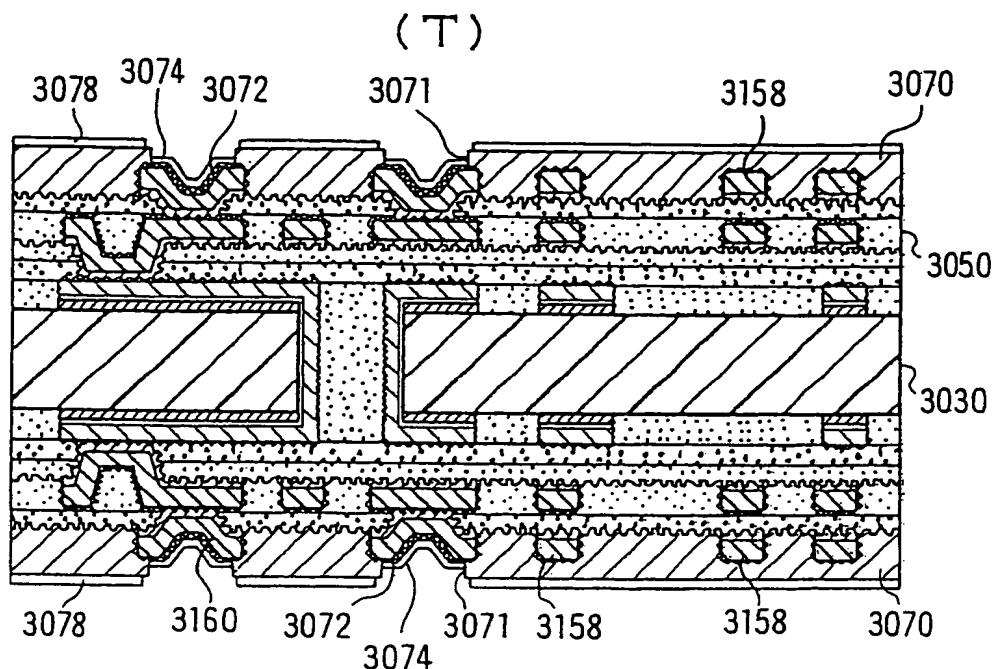


Fig. 22



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Fig. 23

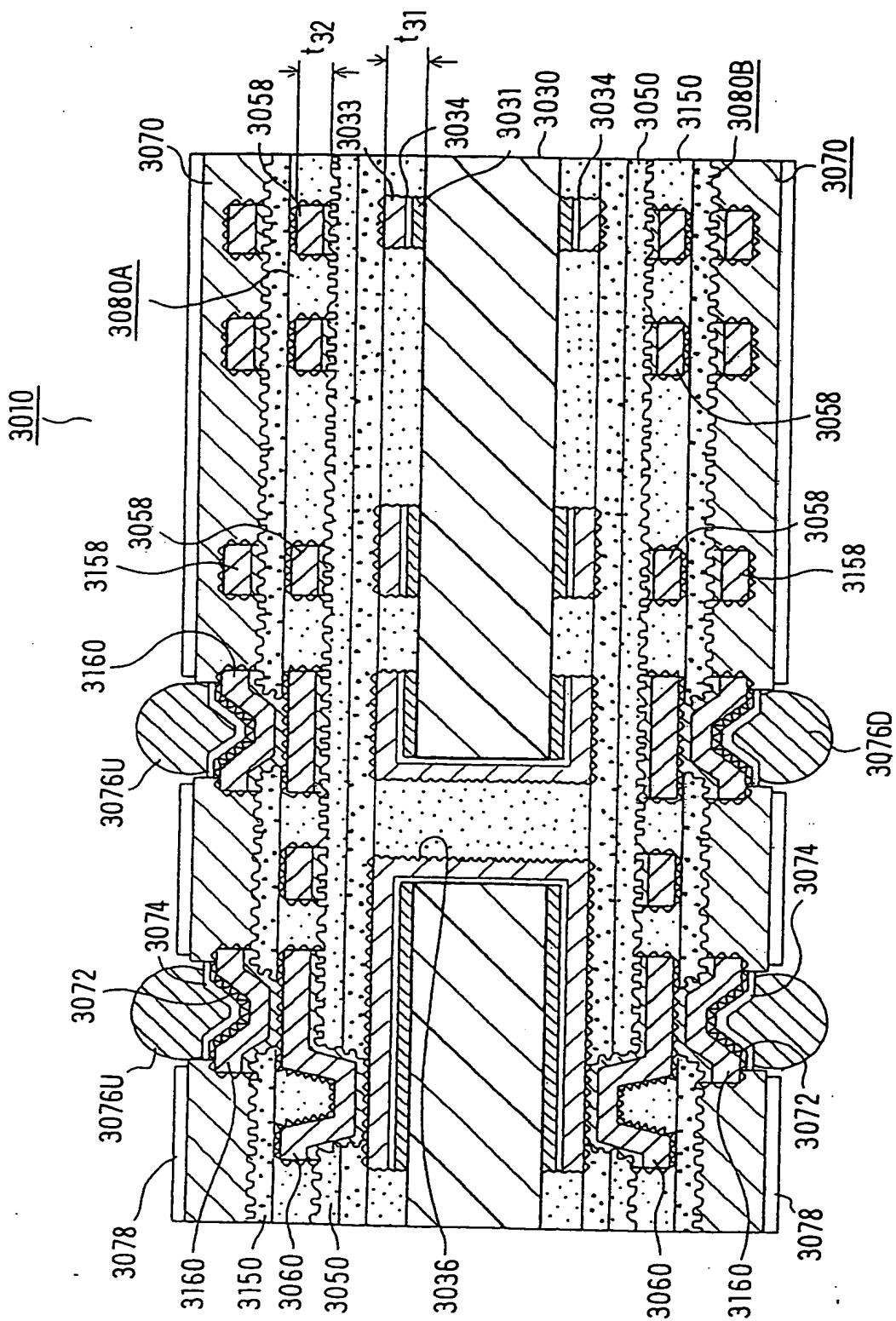
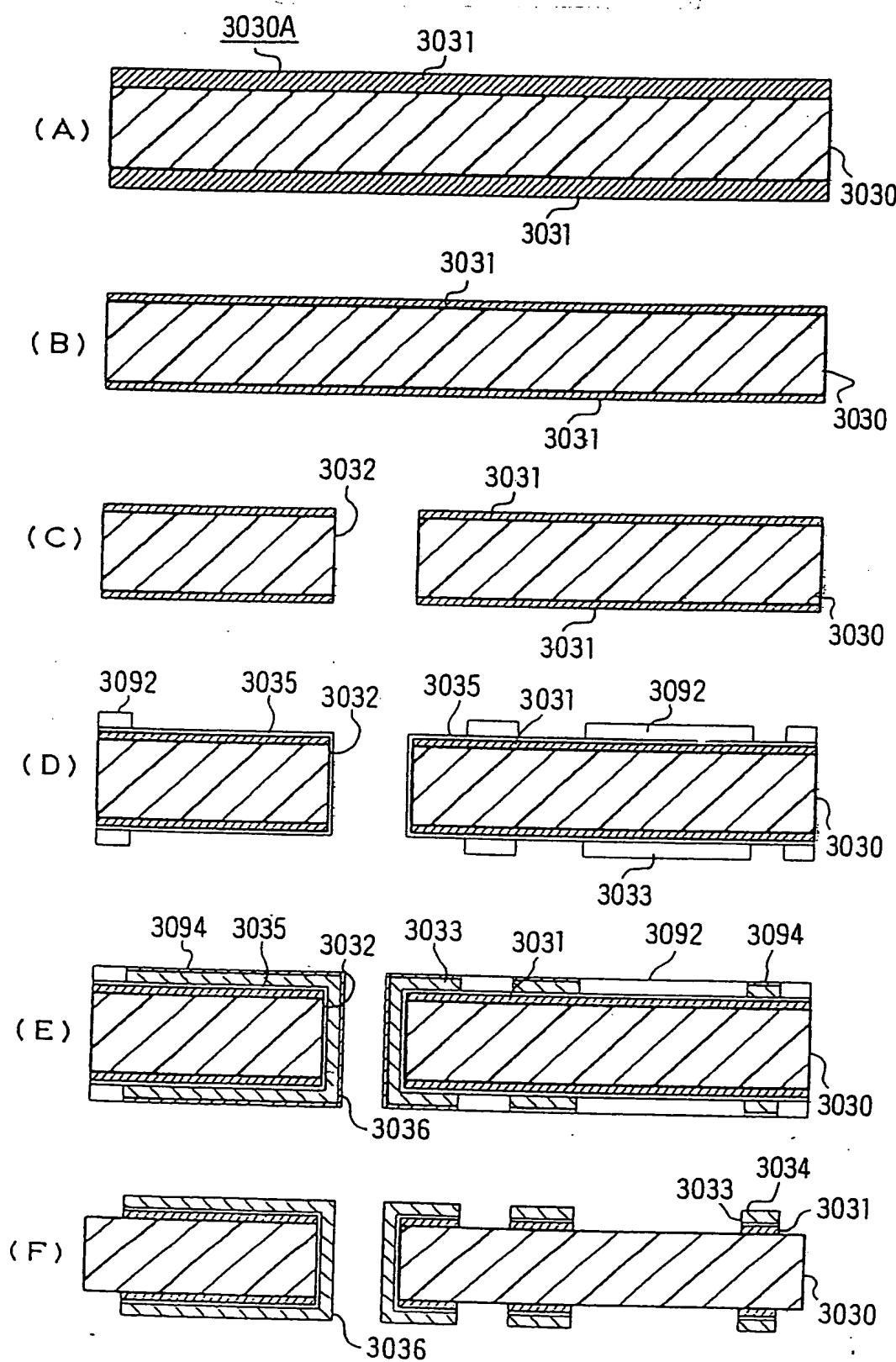


Fig. 24



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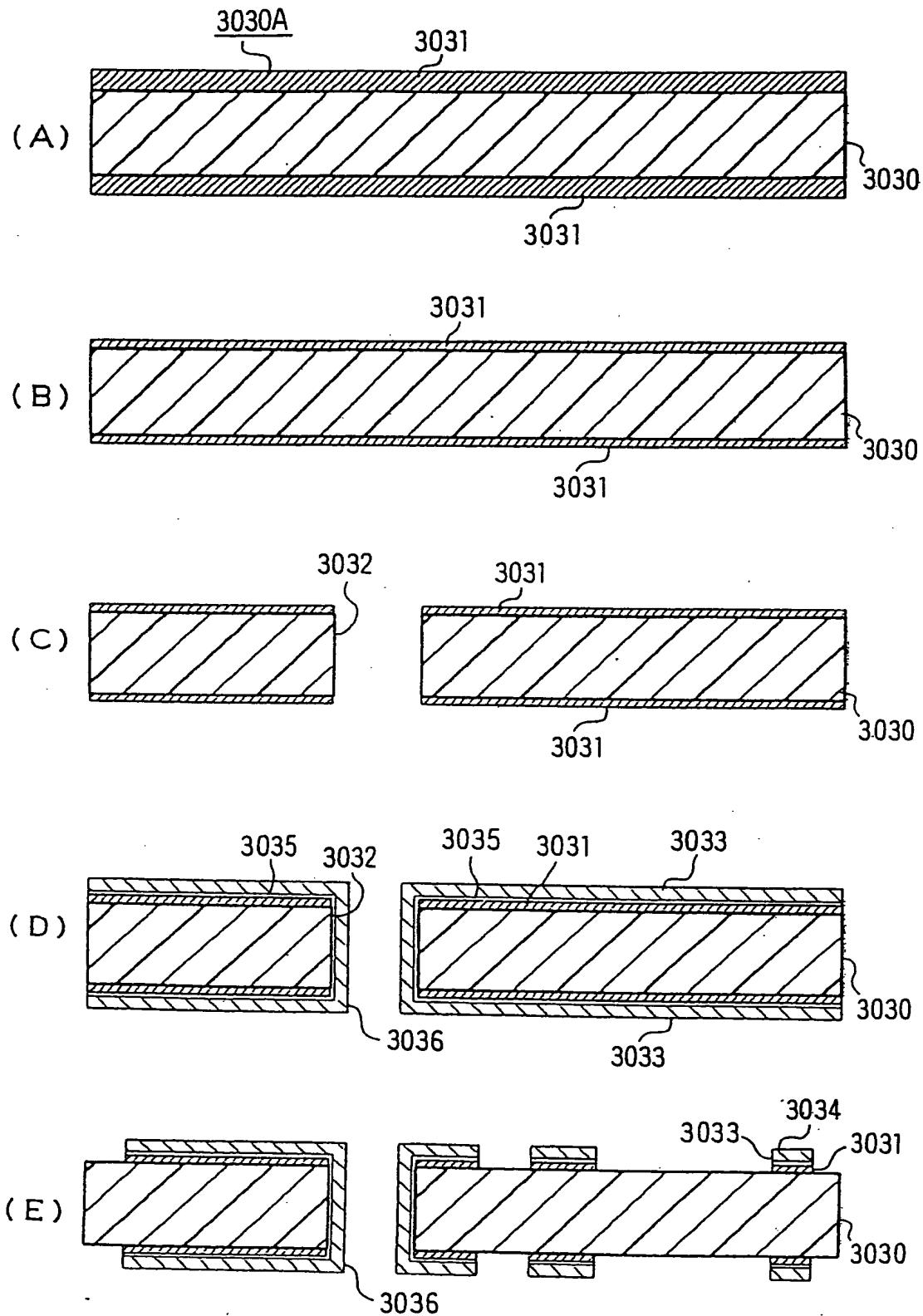
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Fig. 25



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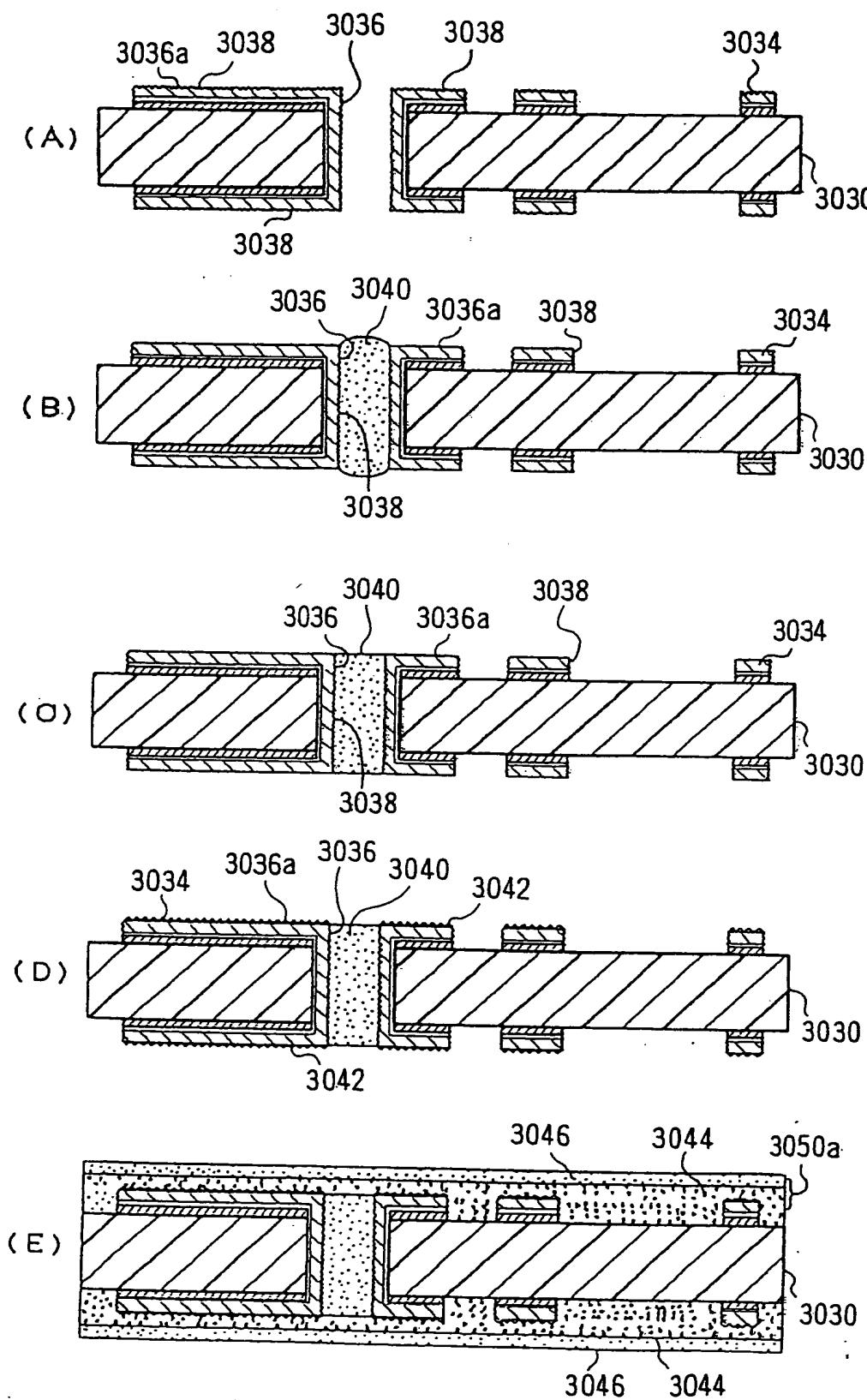
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Fig. 26



F i g . 2 7

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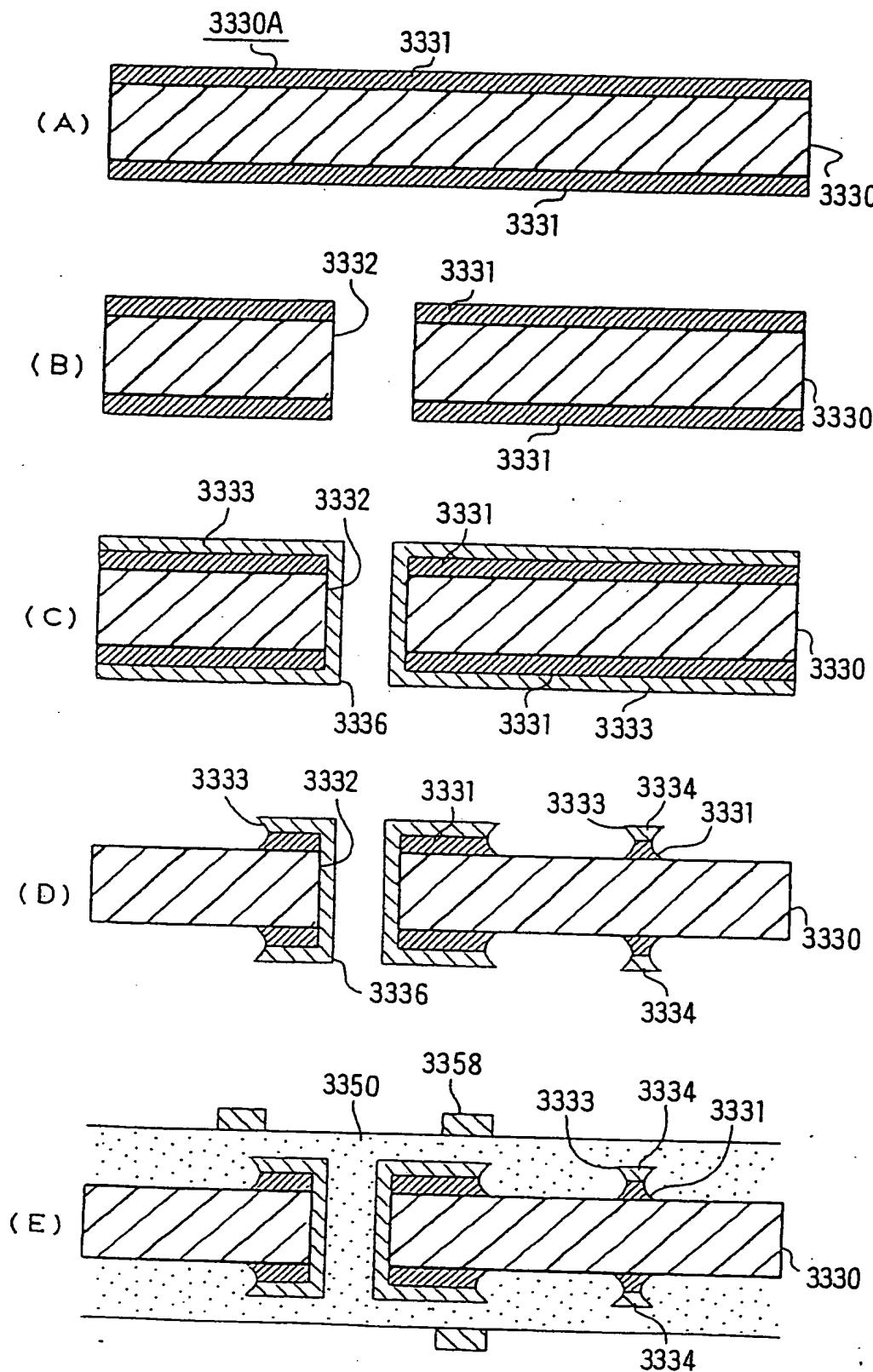
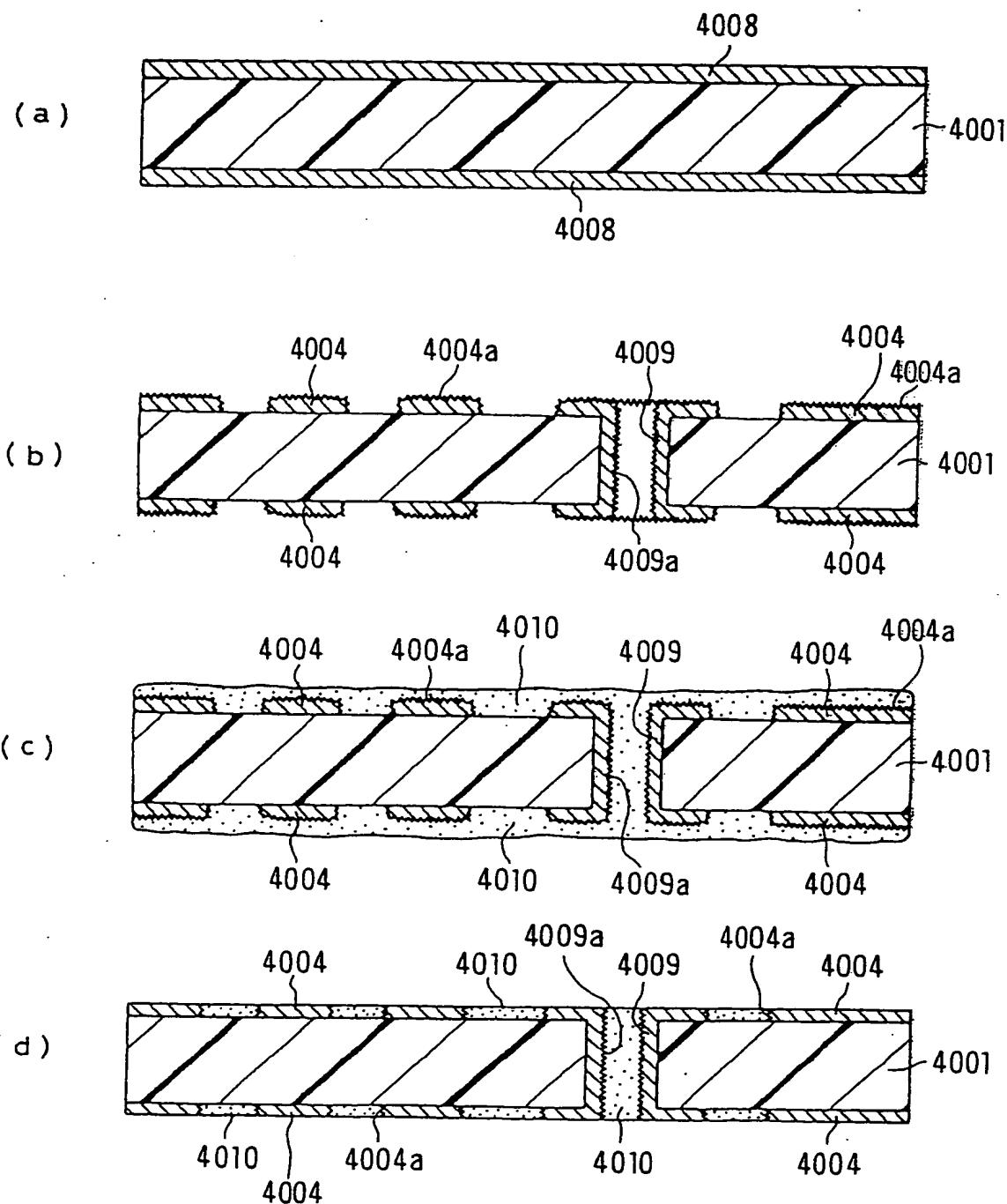


Fig. 28

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Fig. 29

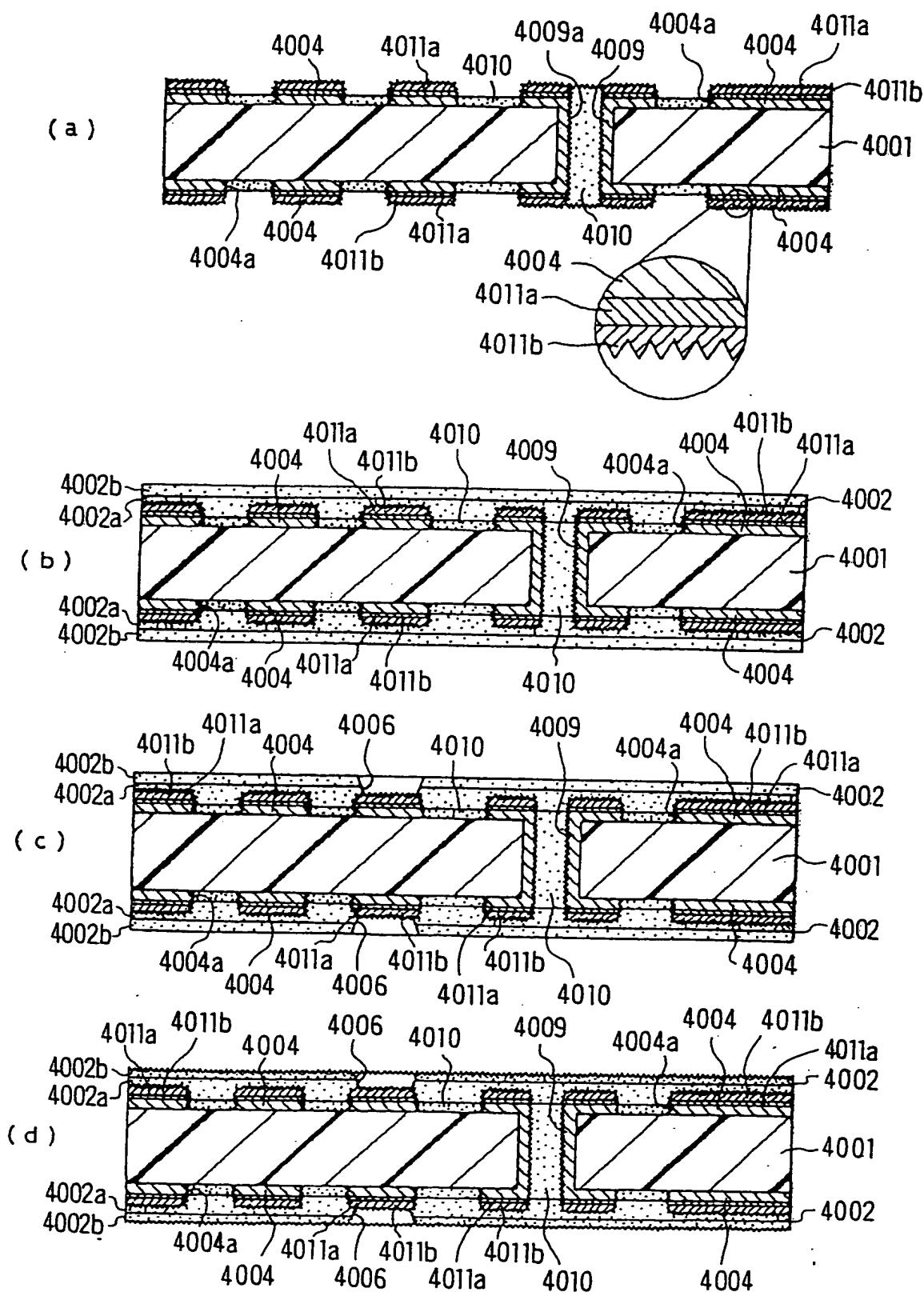
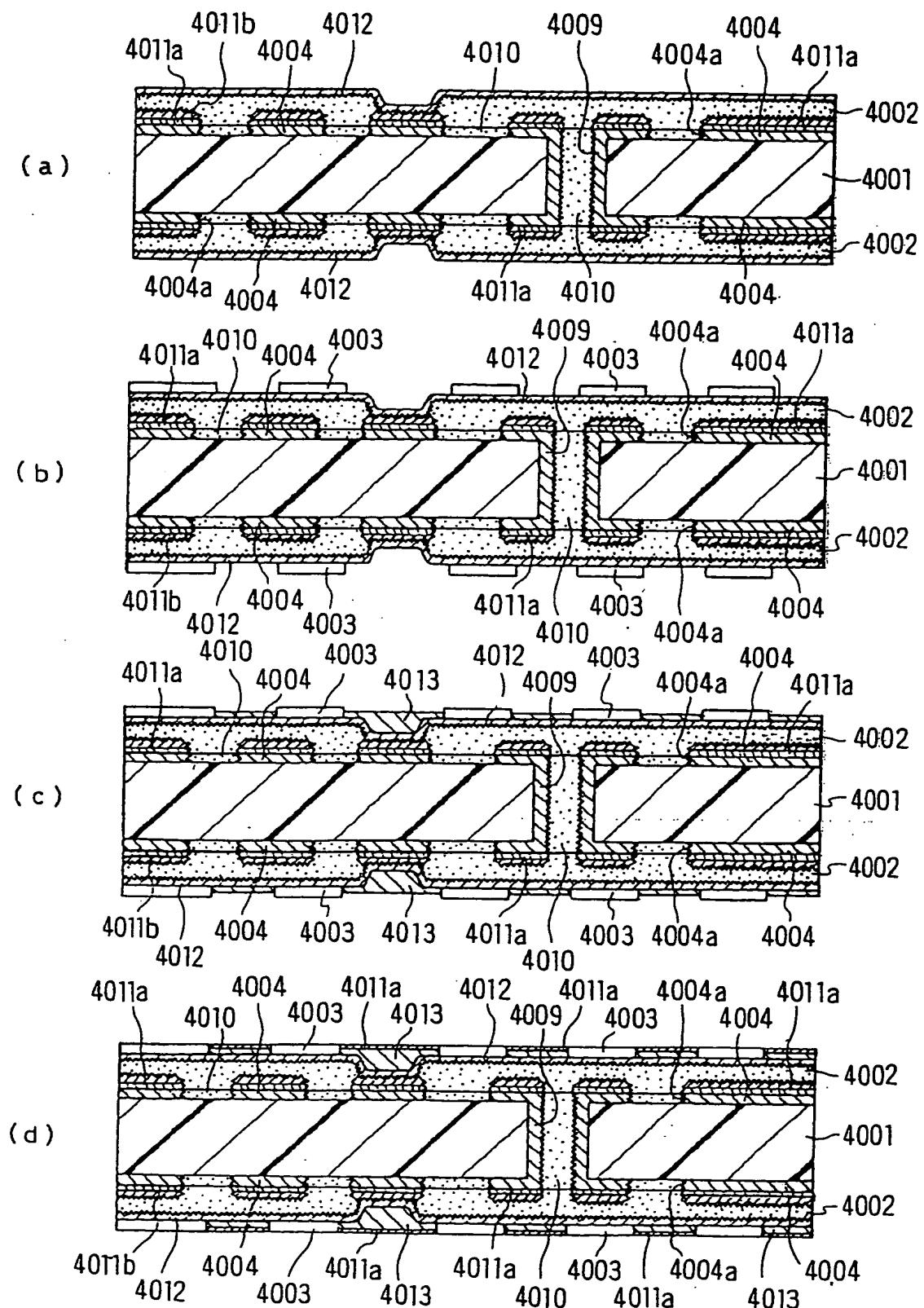
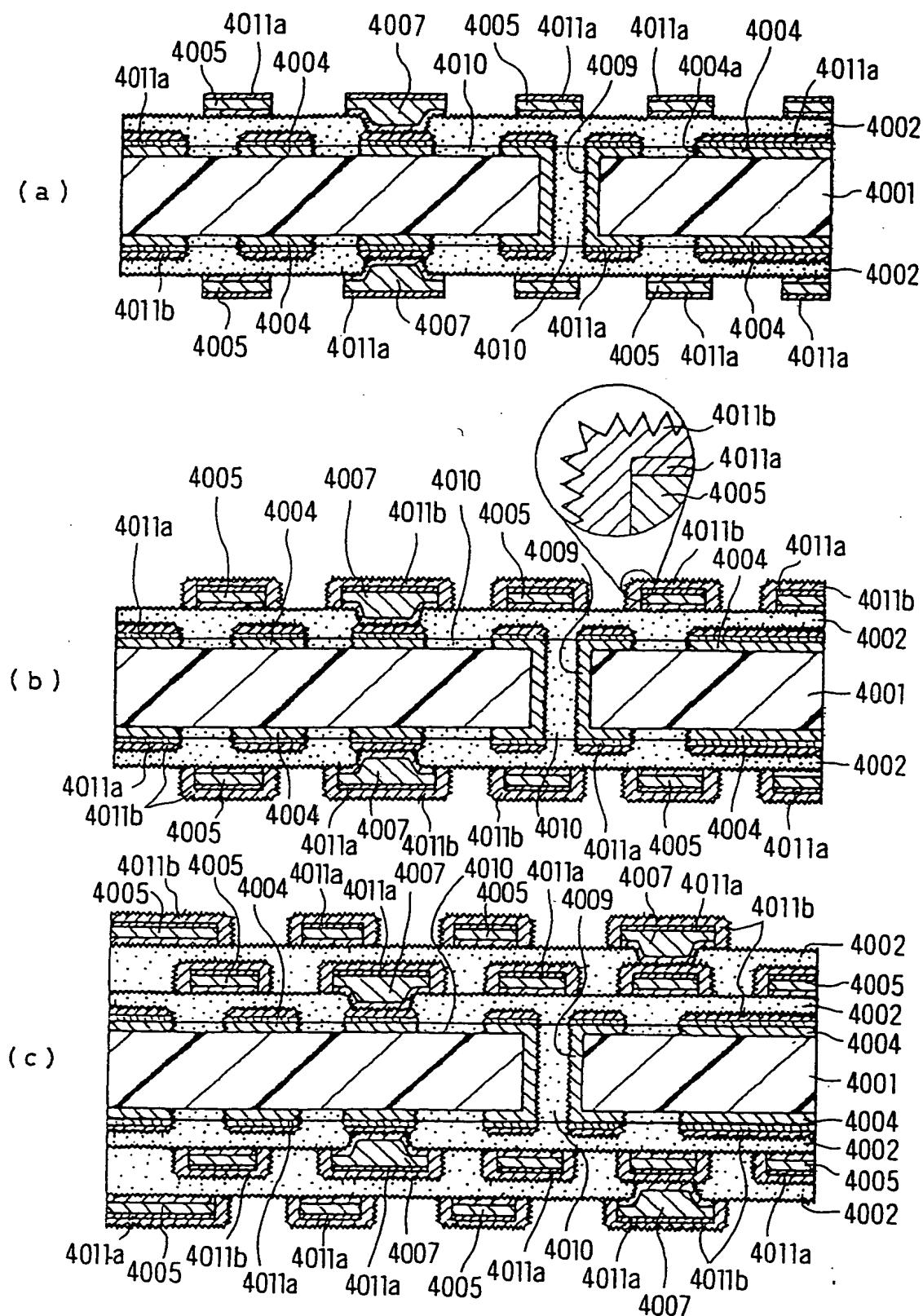


Fig. 30



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Fig. 31



F i g . 3 2

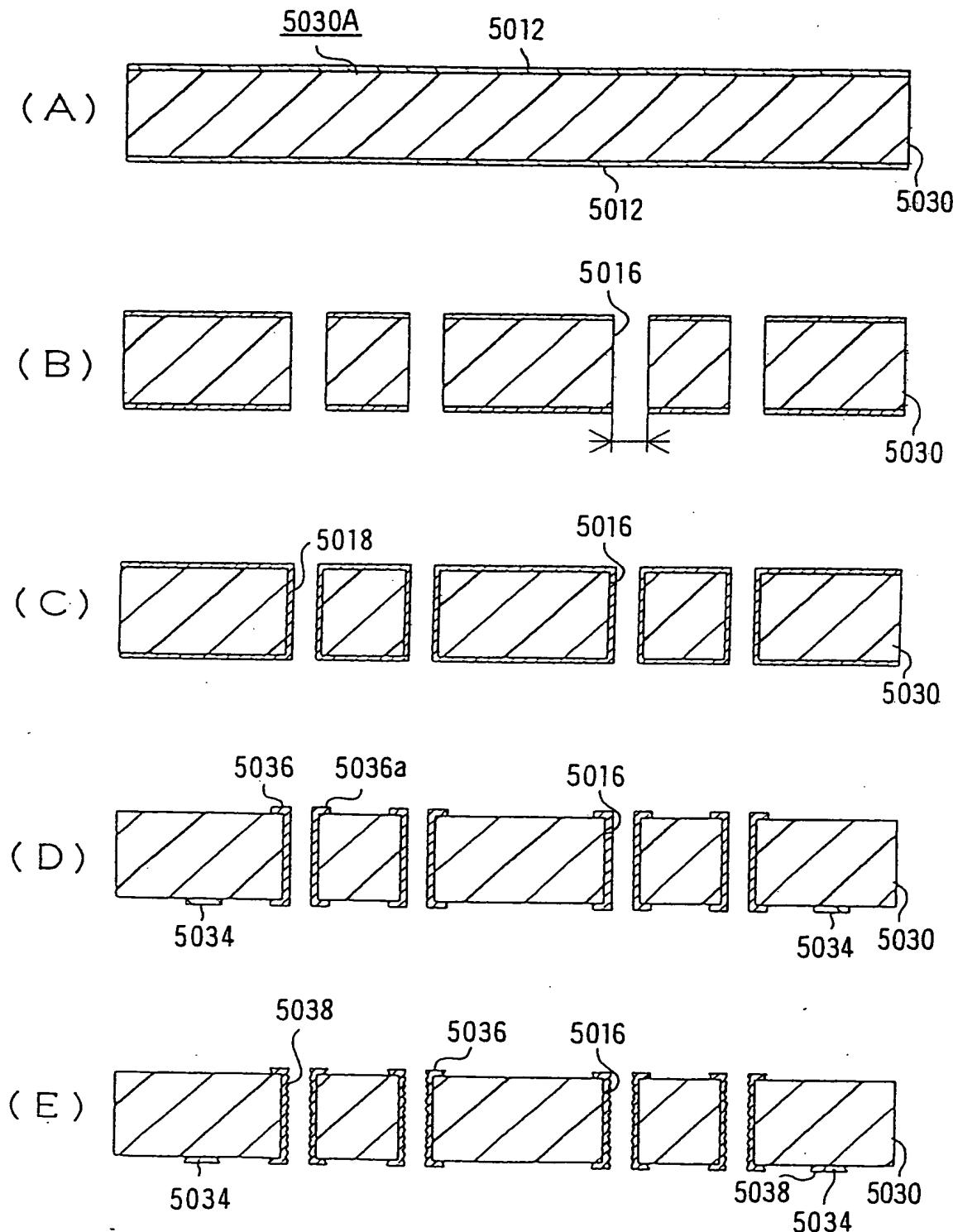
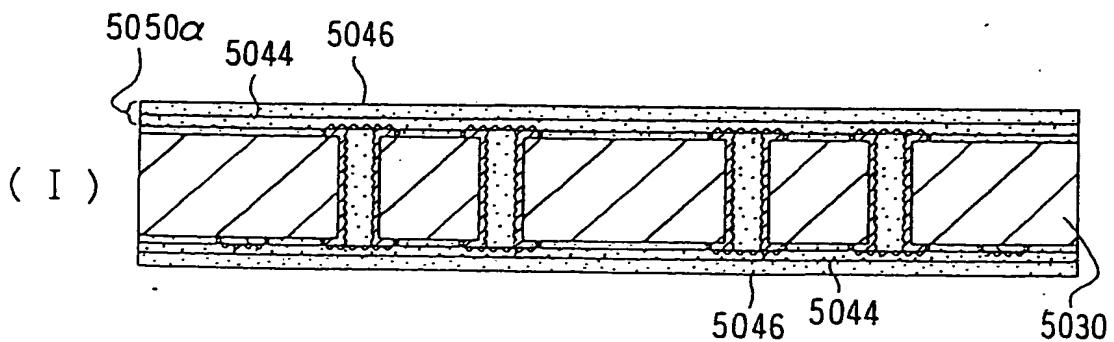
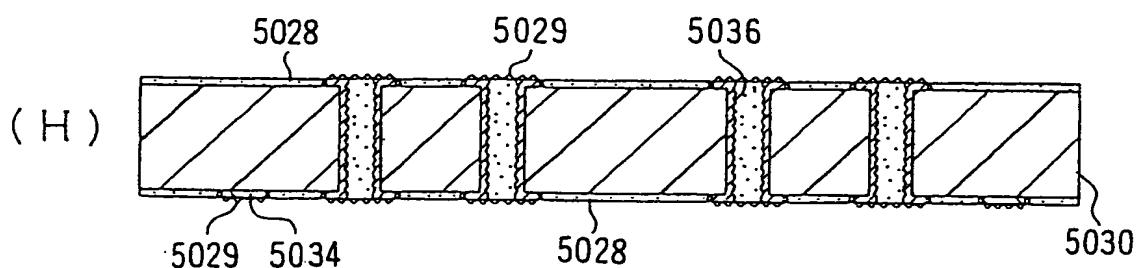
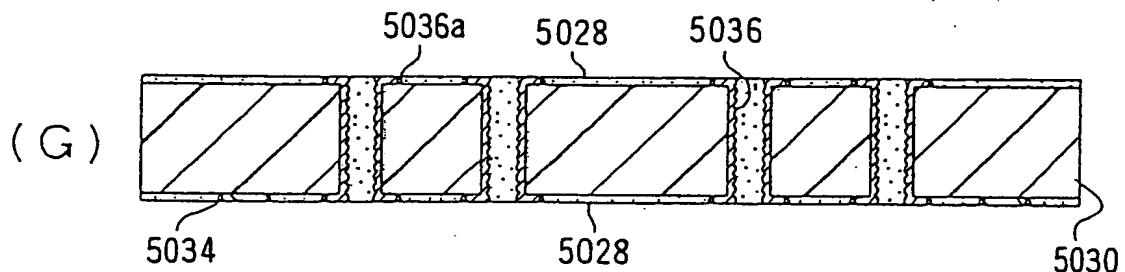
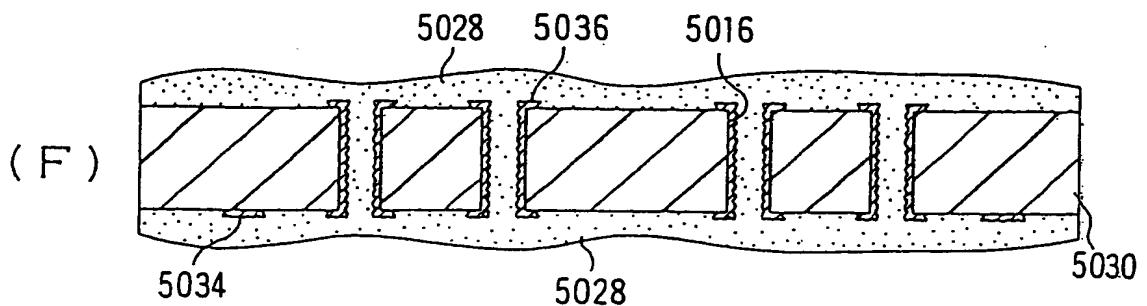


Fig. 33



F i g . 3 4

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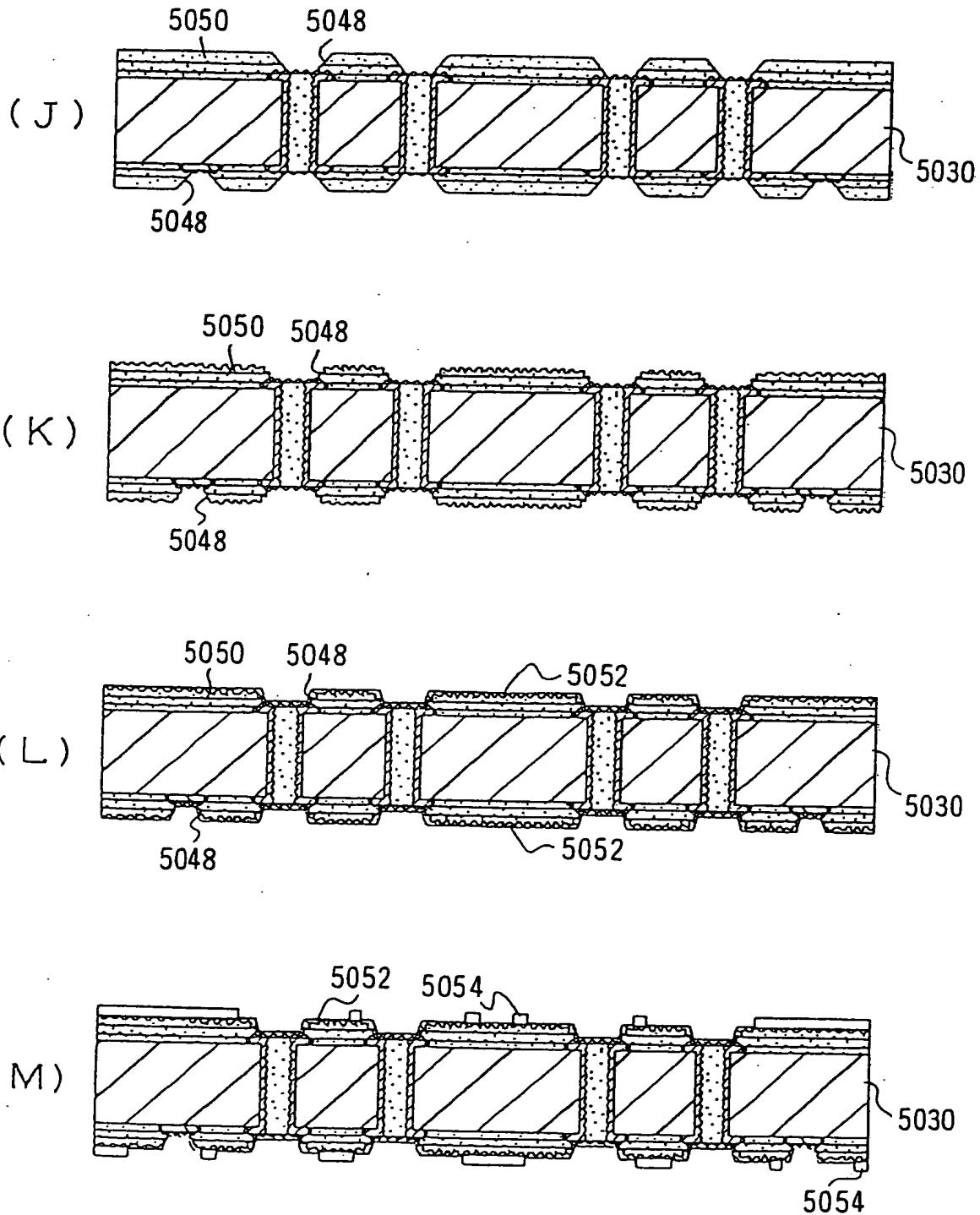
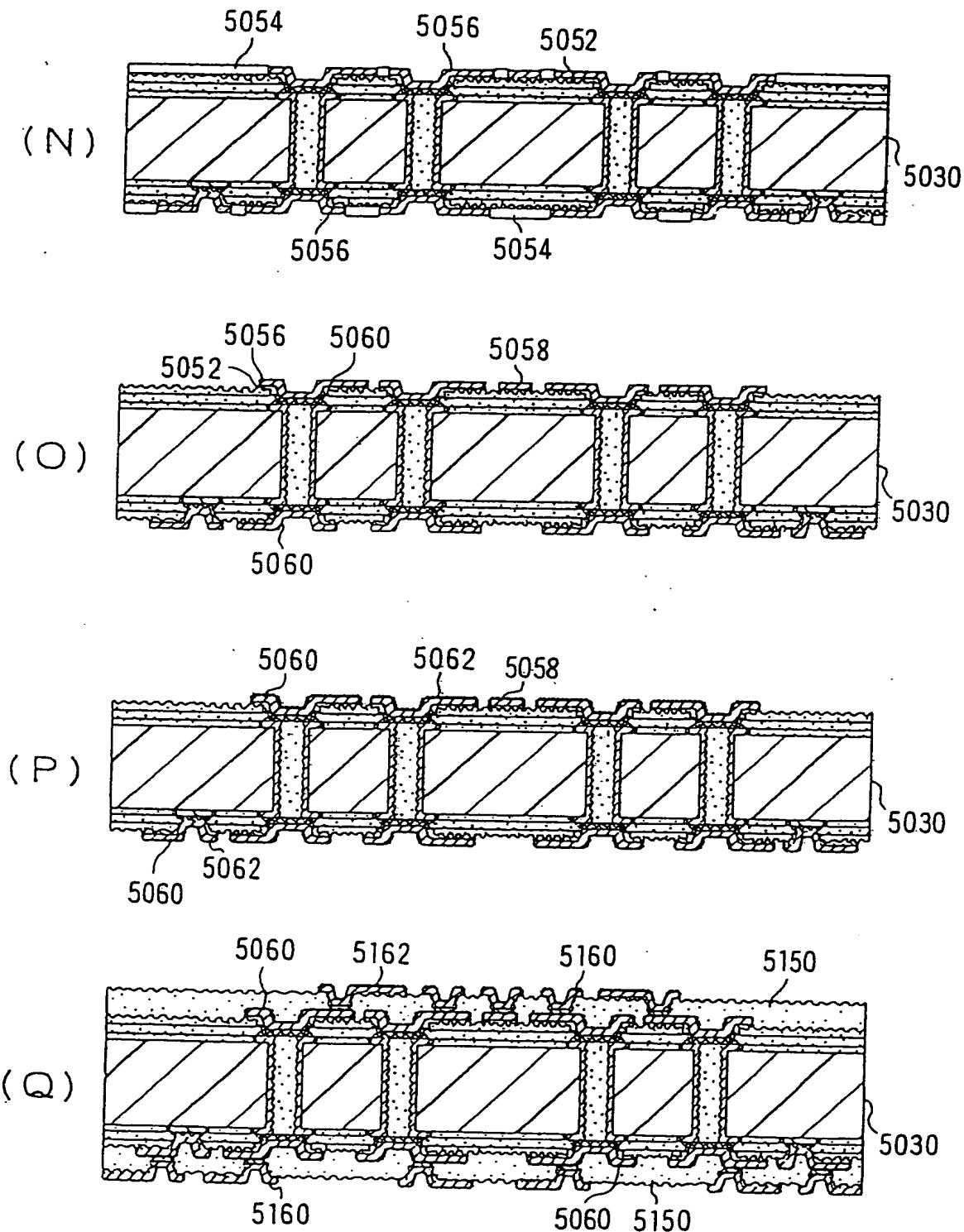
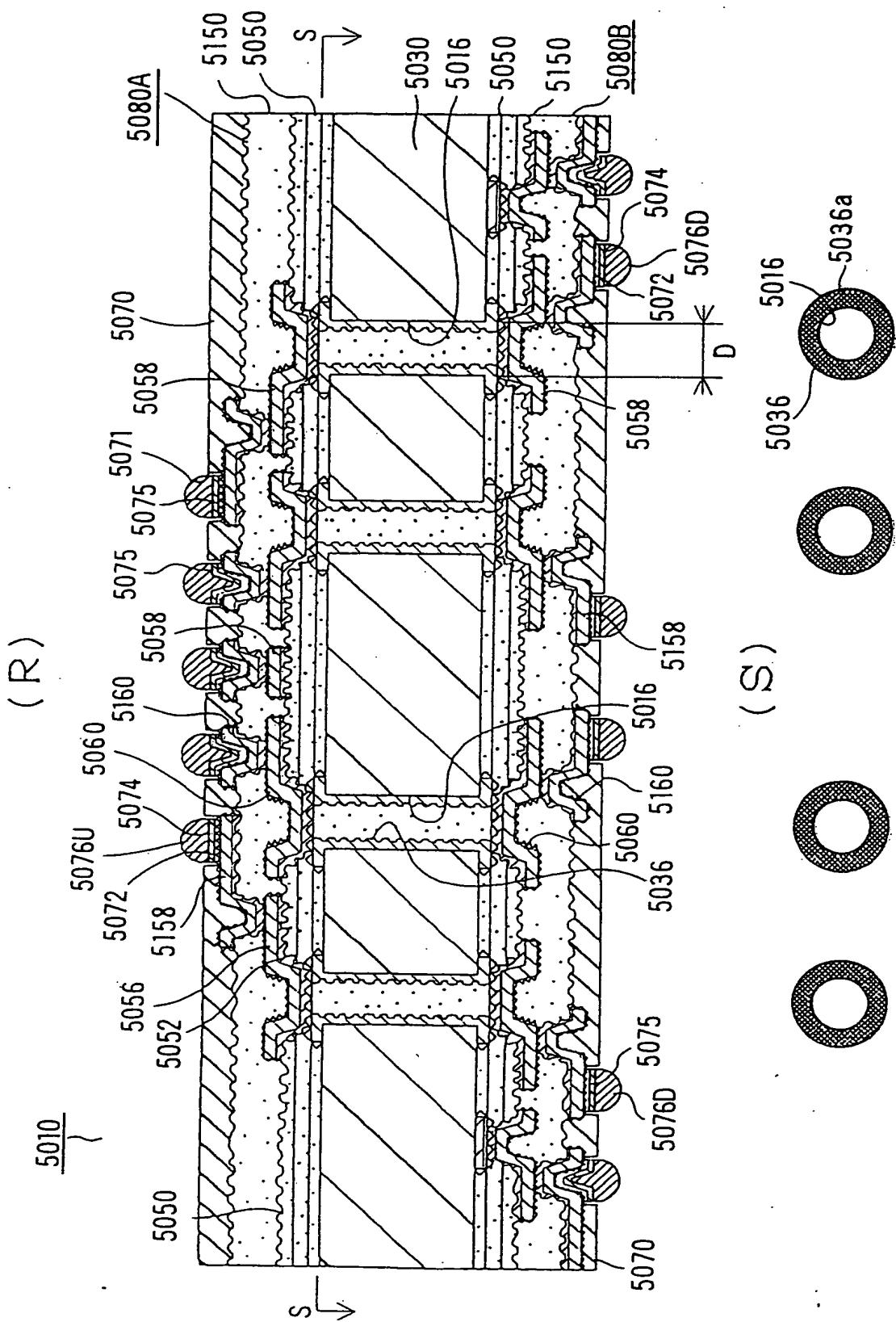


Fig. 35



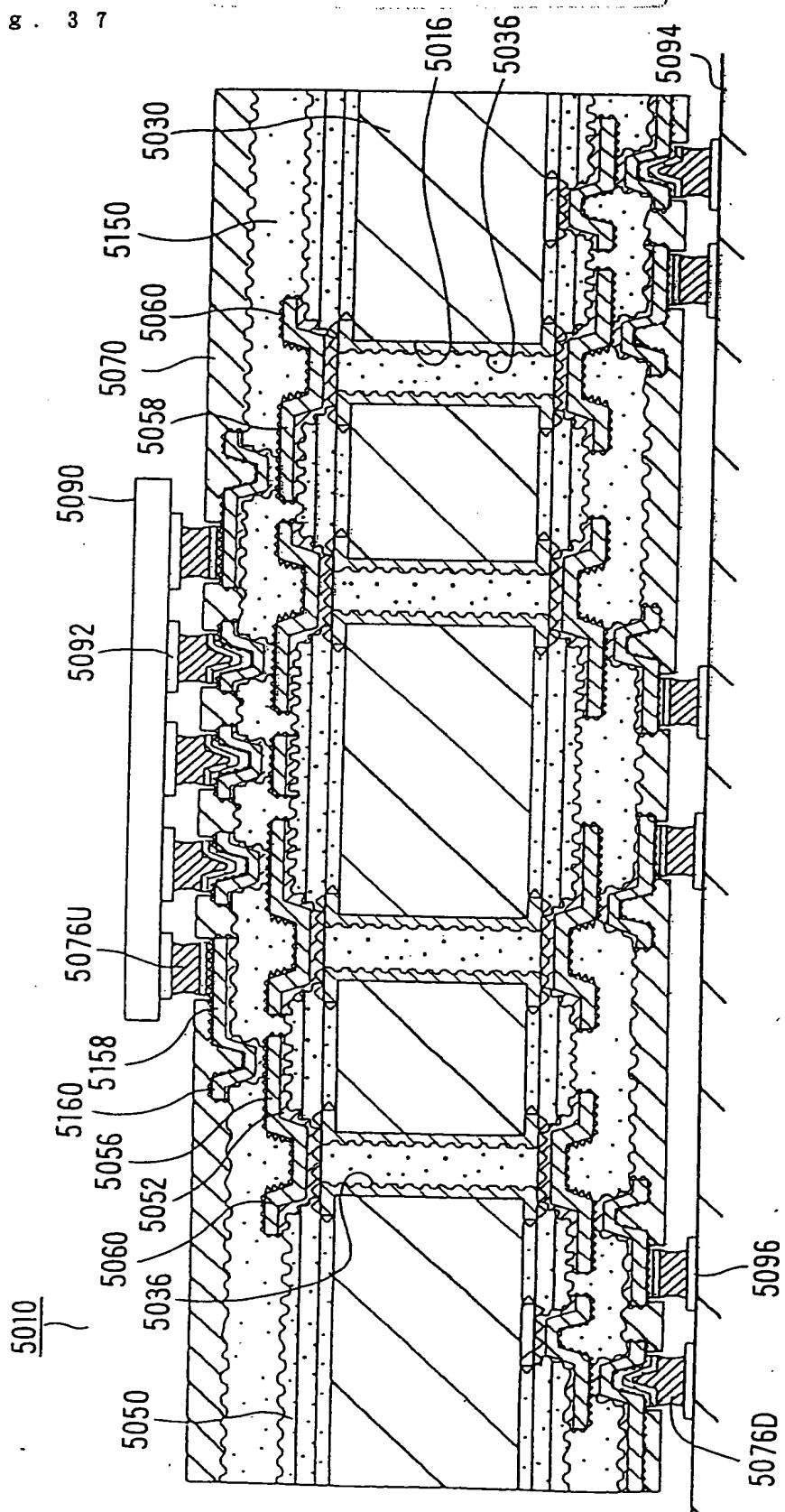
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Fig. 36



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Fig. 37



F i g . 3 8

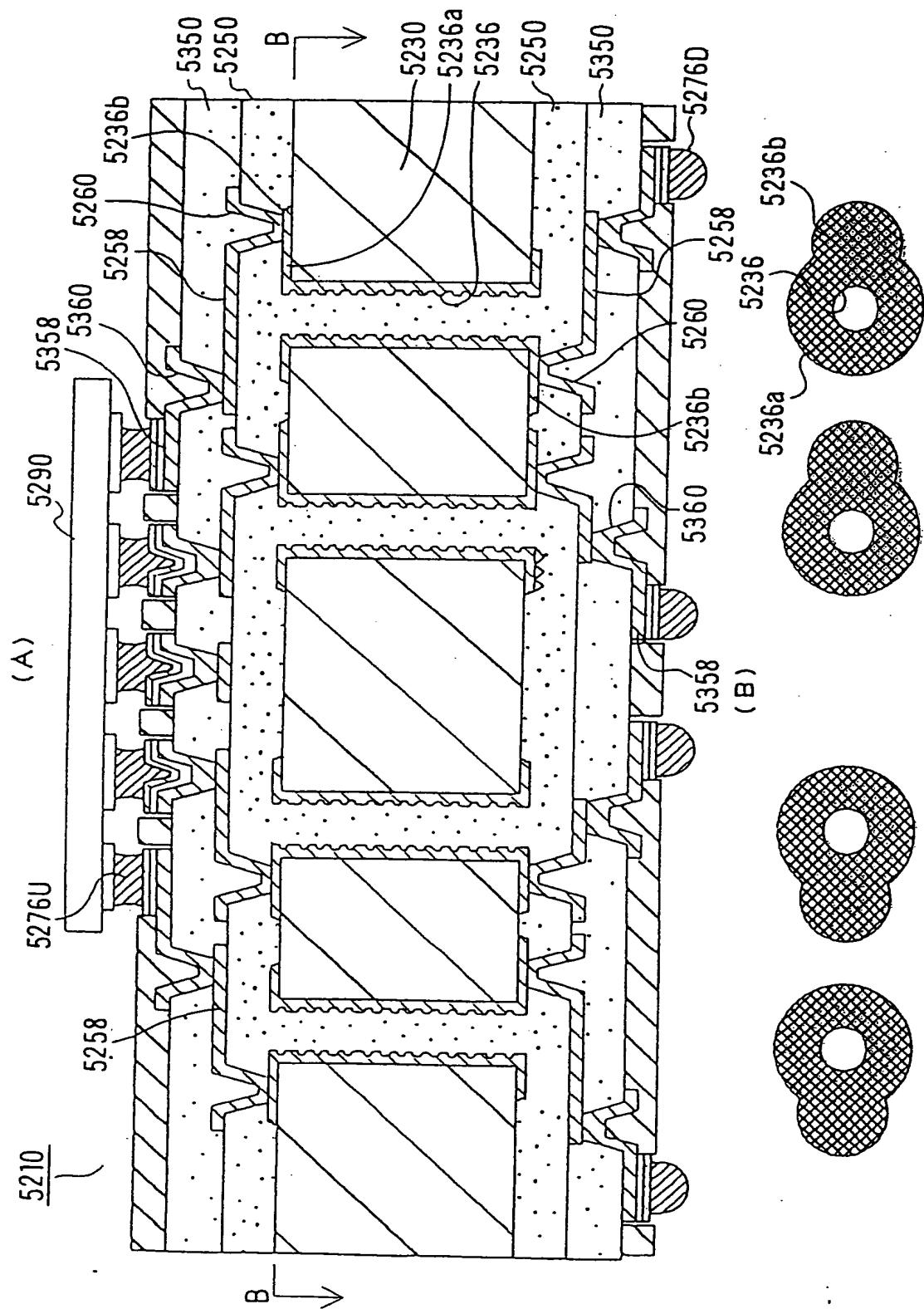
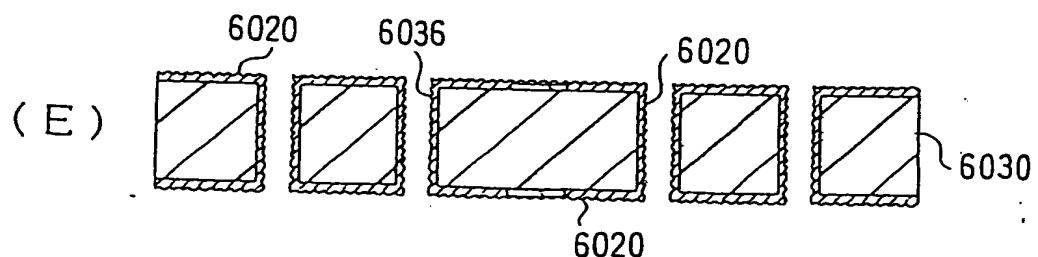
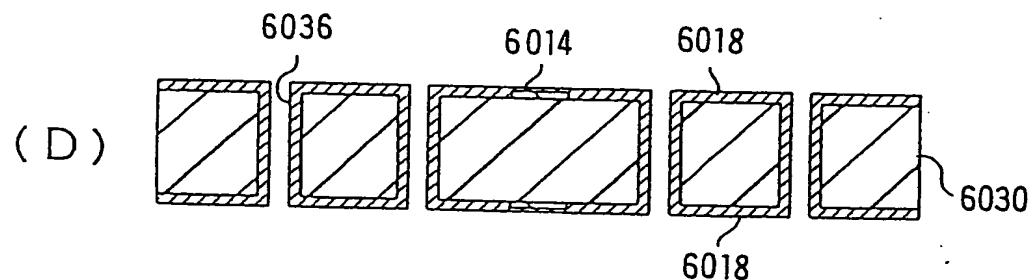
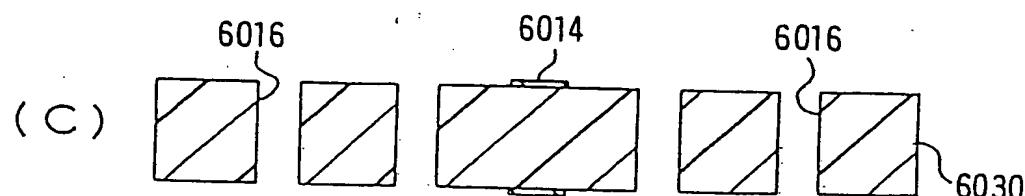
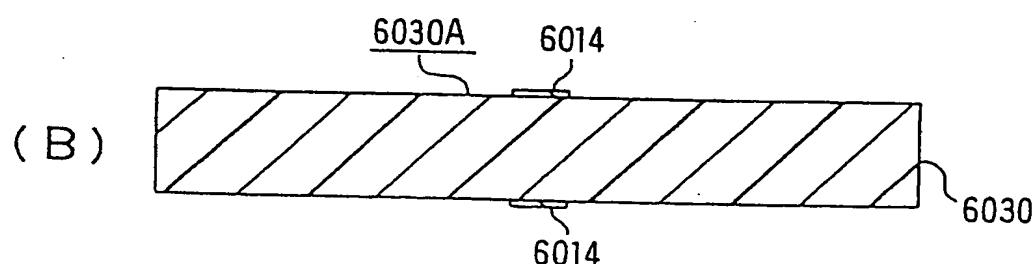
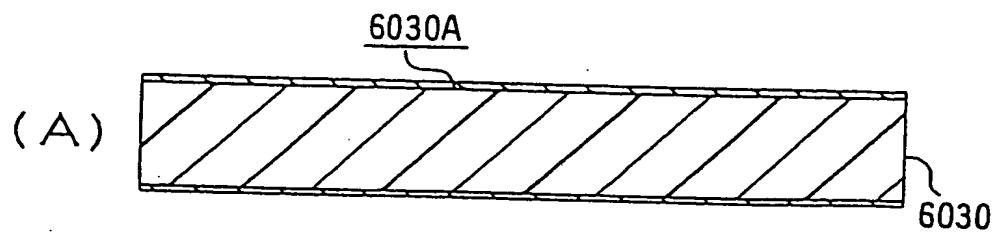


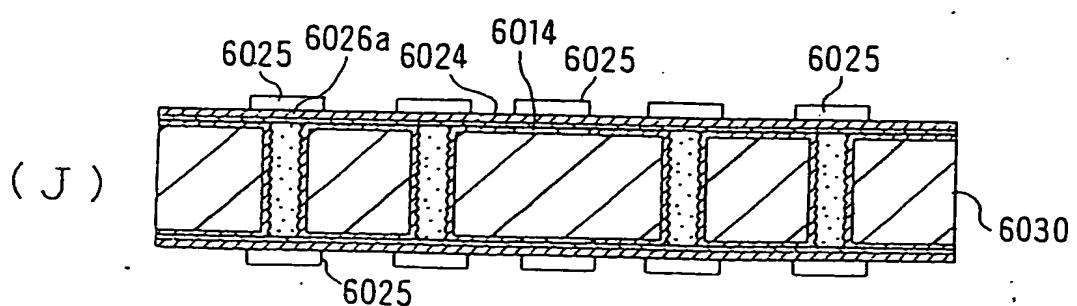
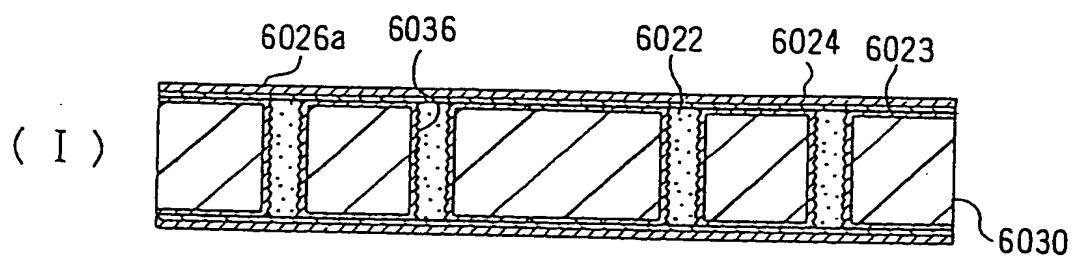
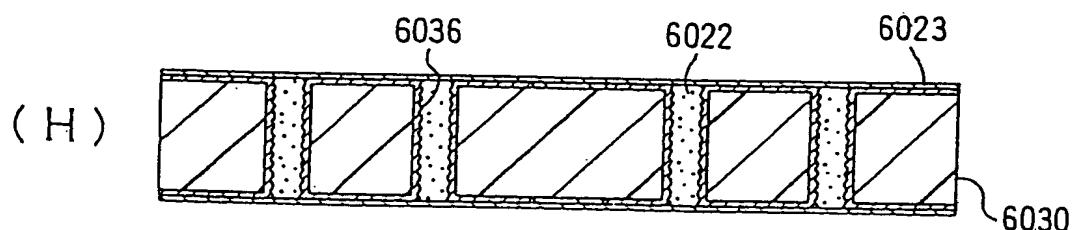
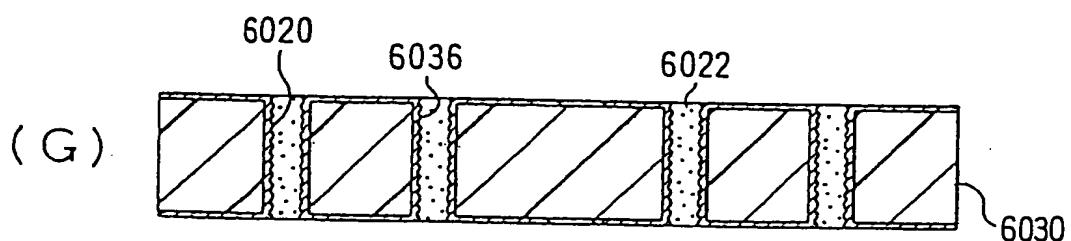
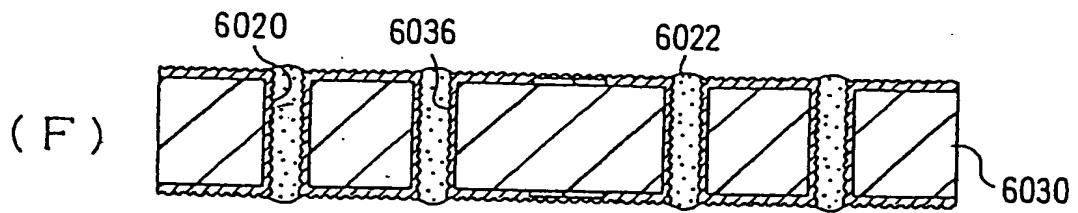
Fig. 39

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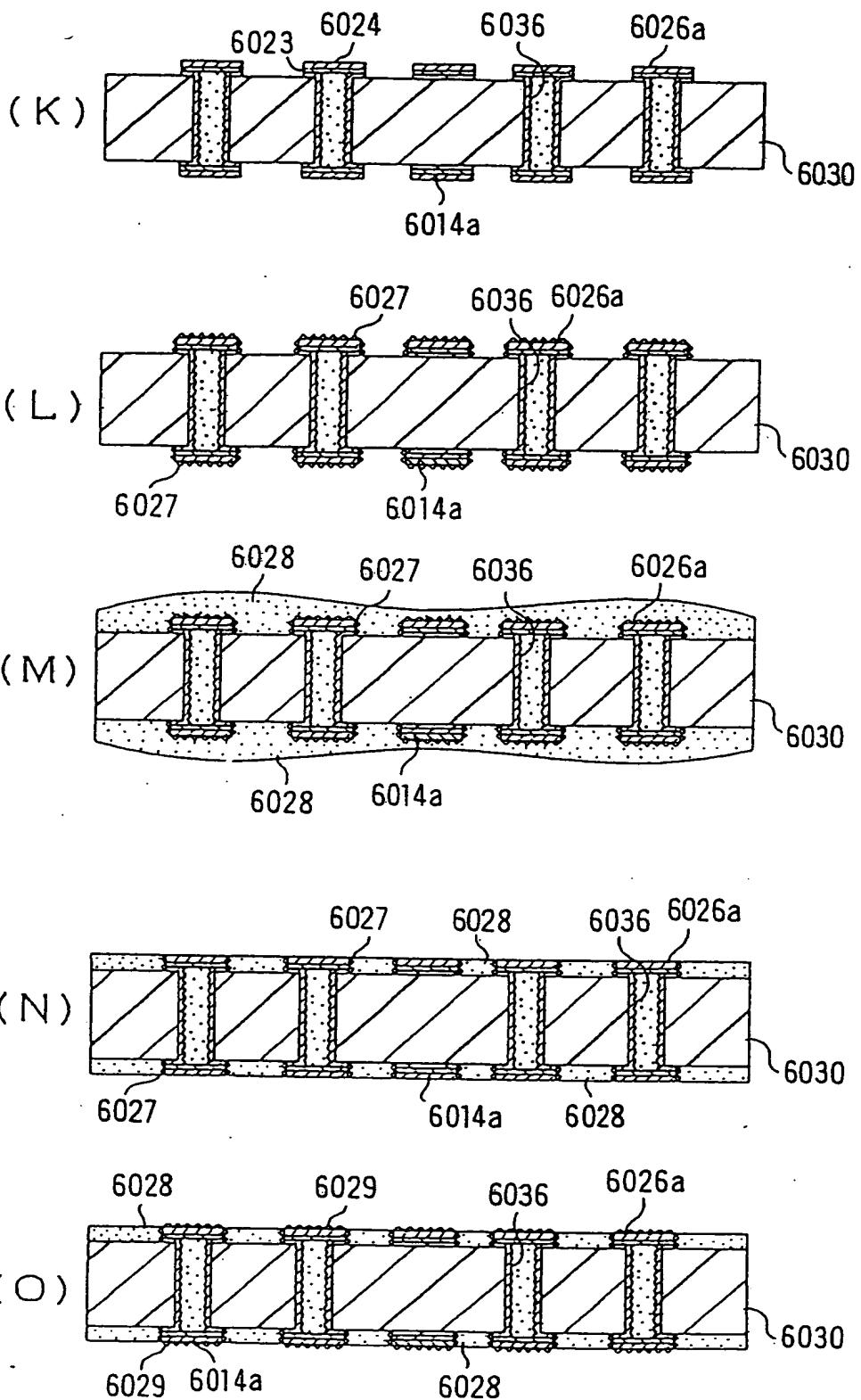
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F i g . 4 2

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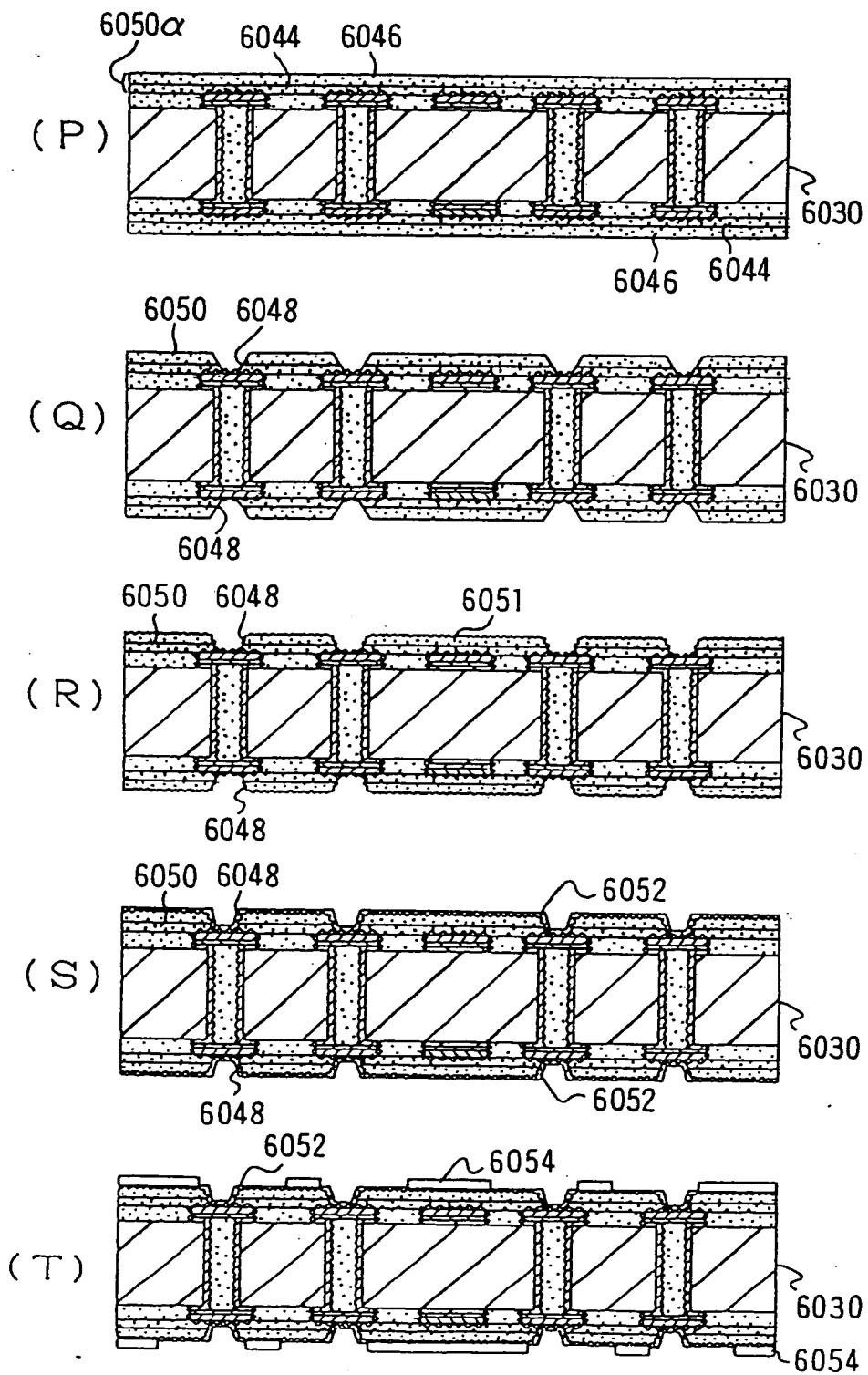
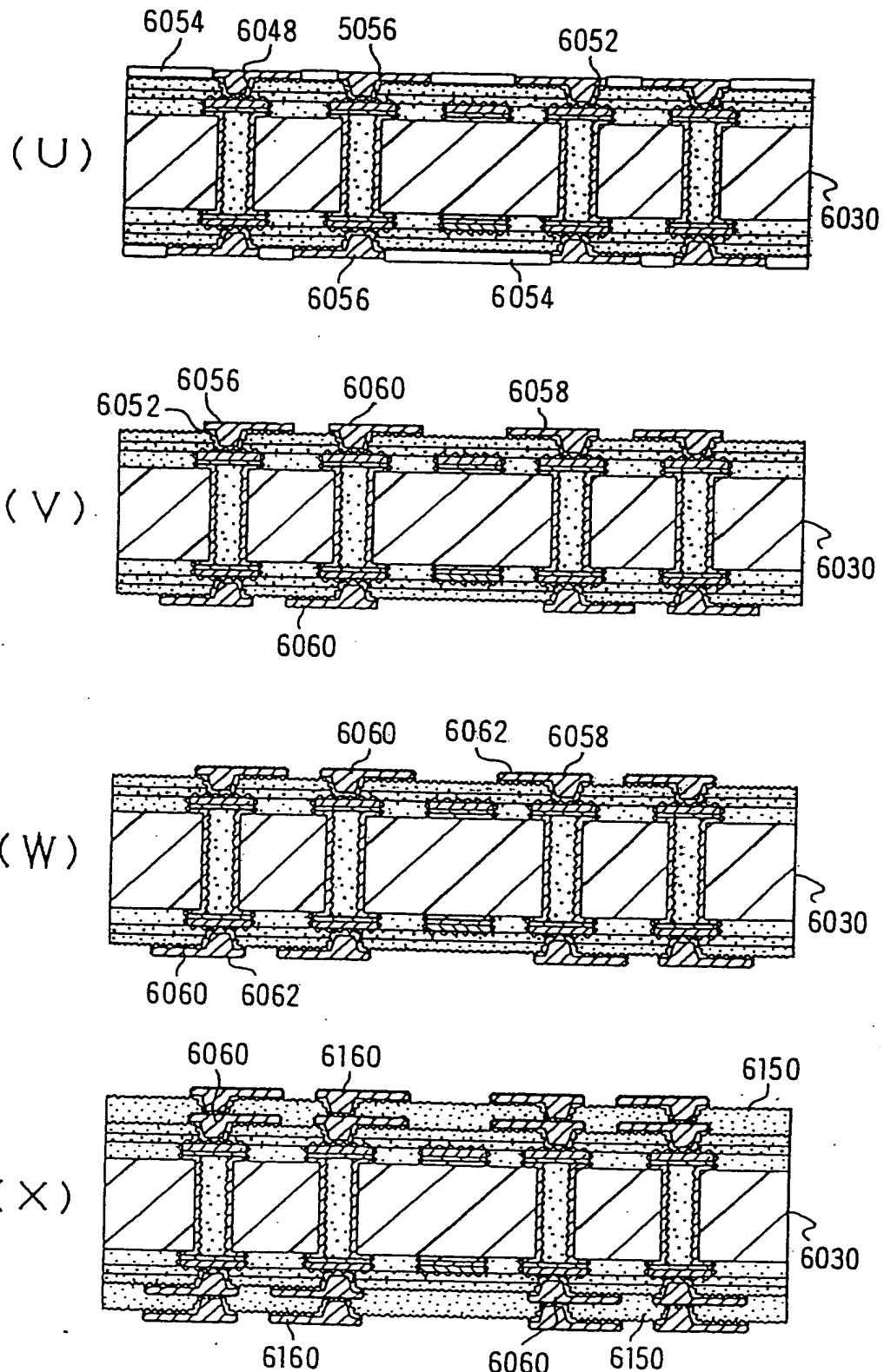


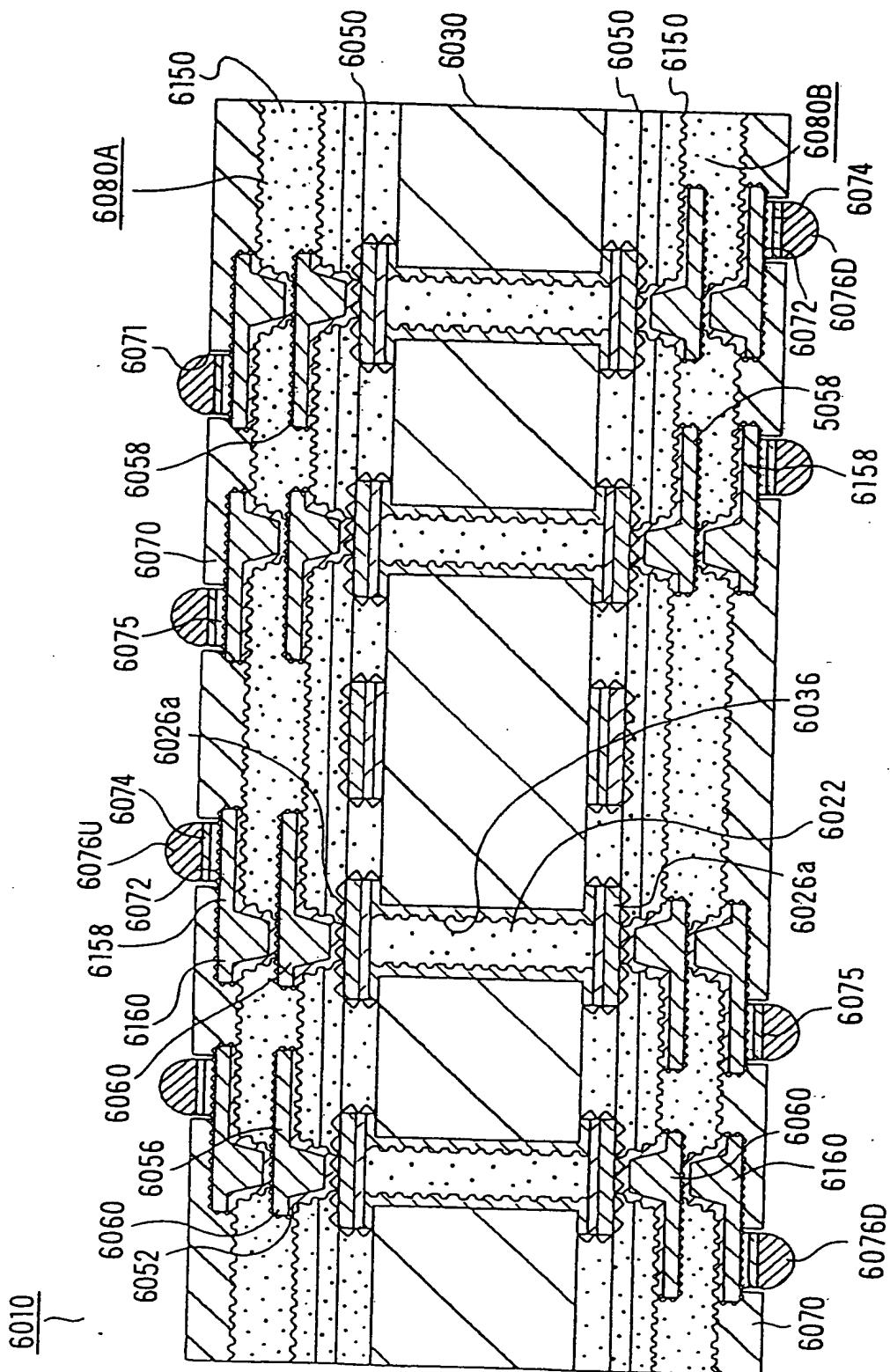
Fig. 4 3

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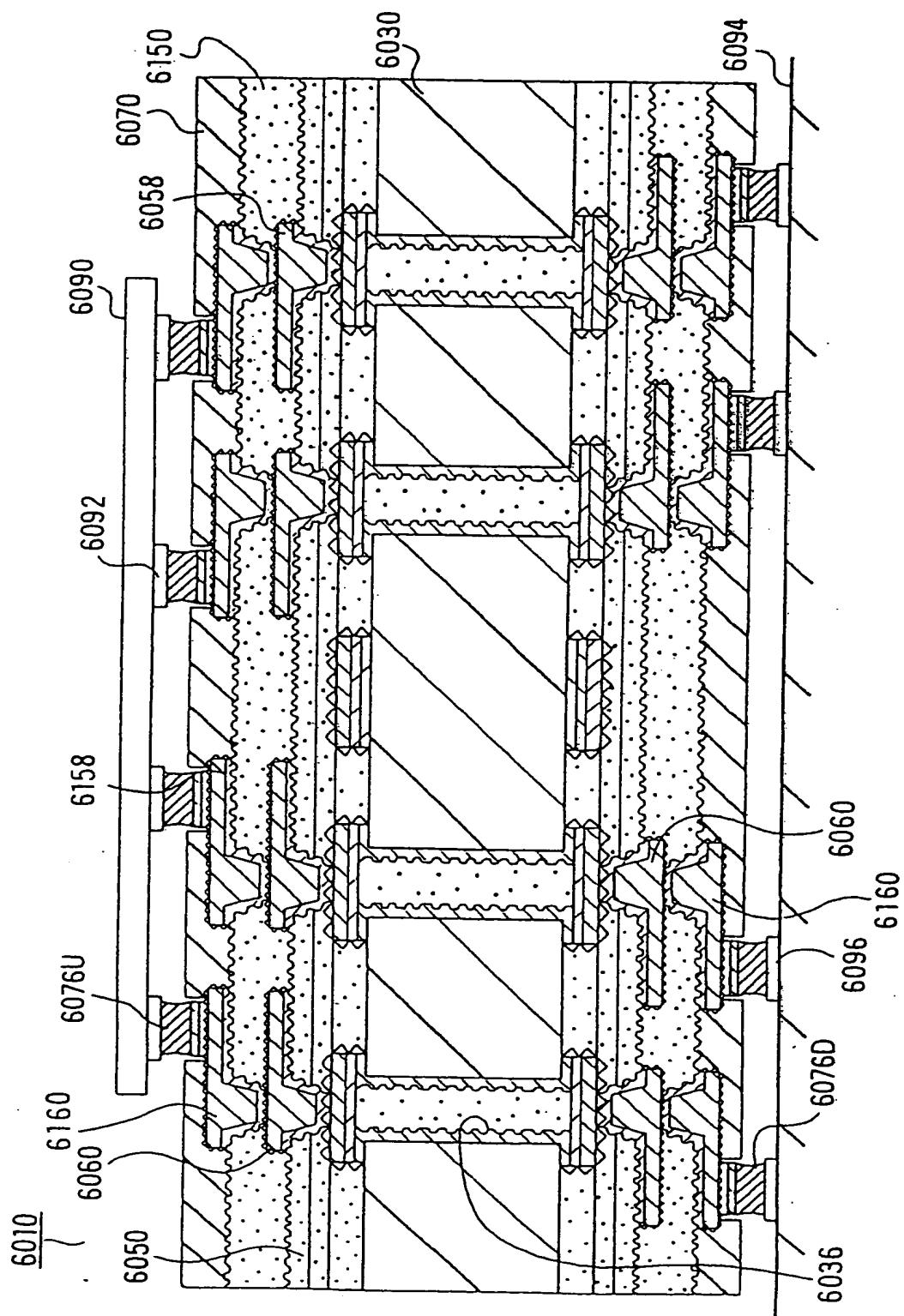
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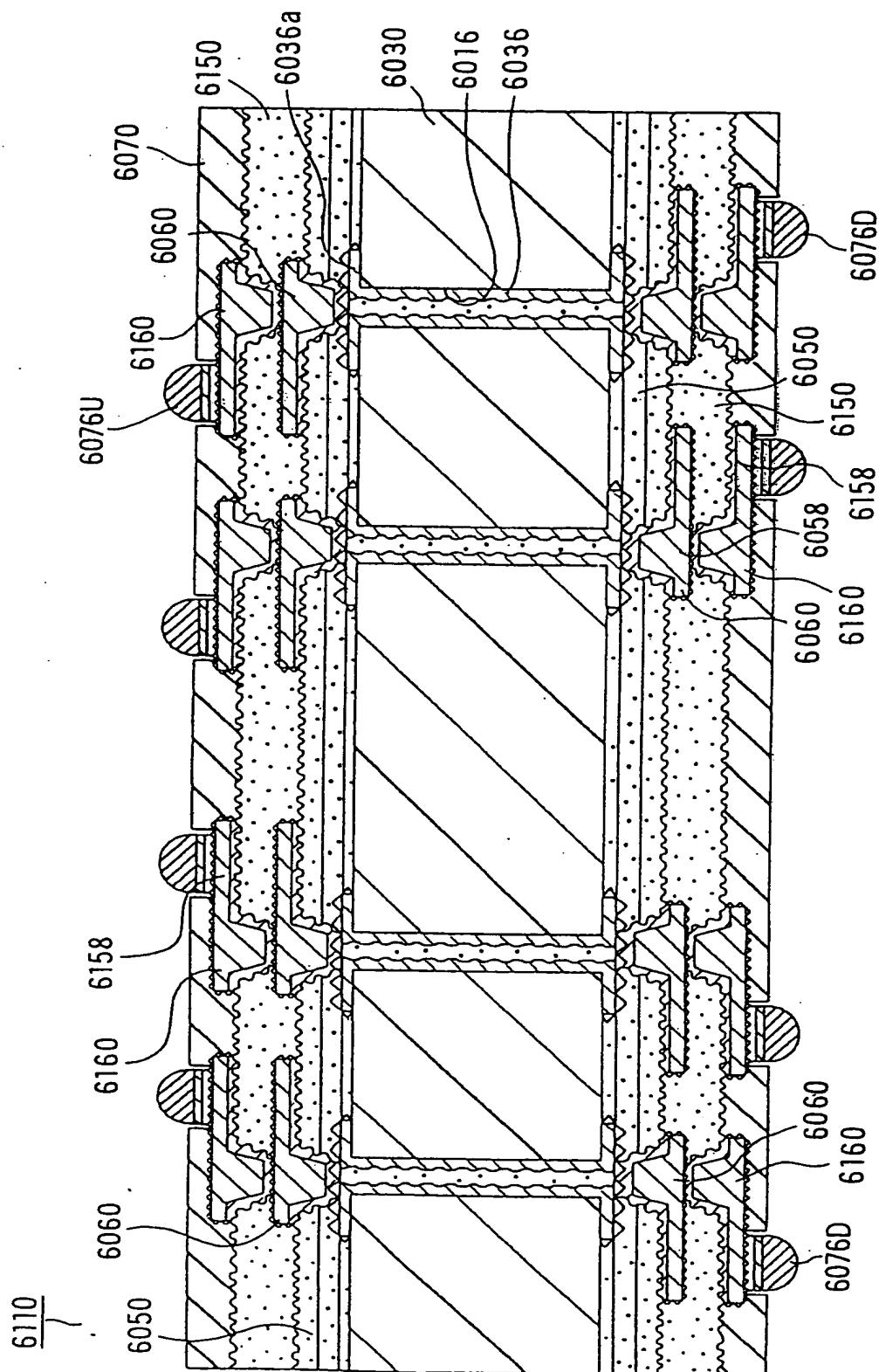
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Fig. 45



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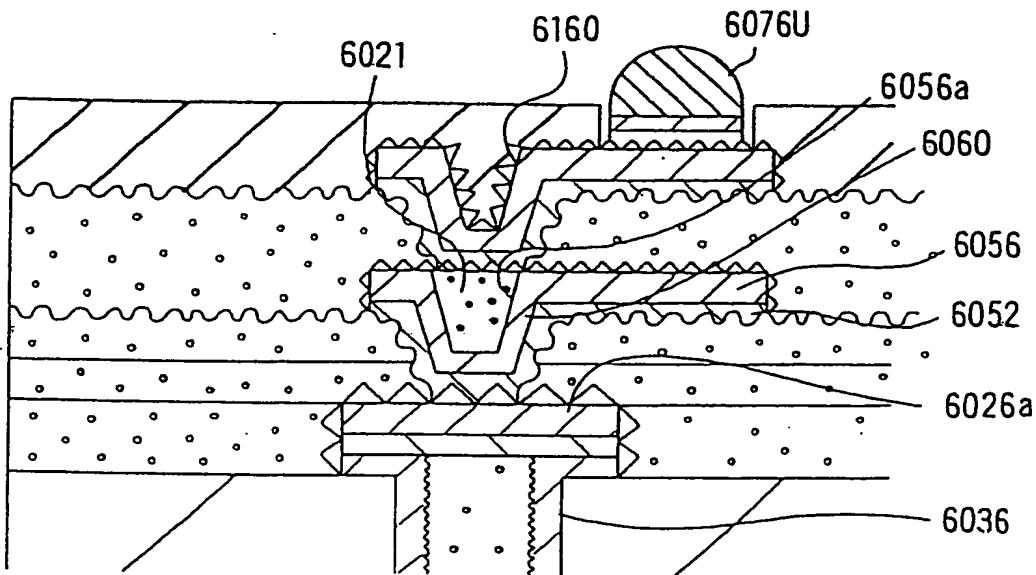
Fig. 46



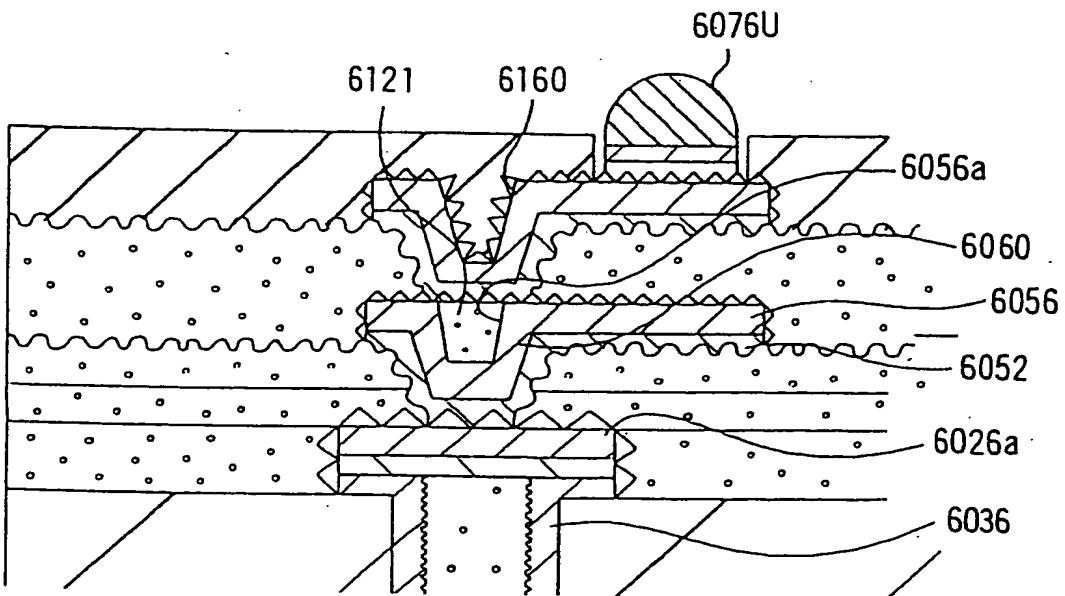
F i g . 4 7

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(A)



(B)



F i g . 4 8

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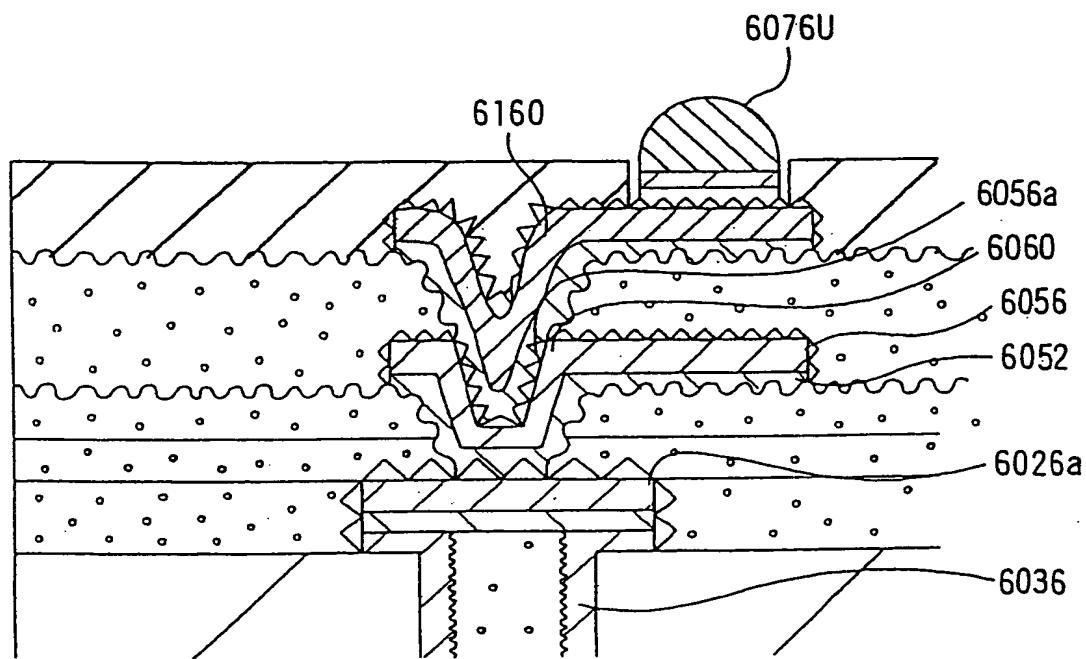


Fig. 49

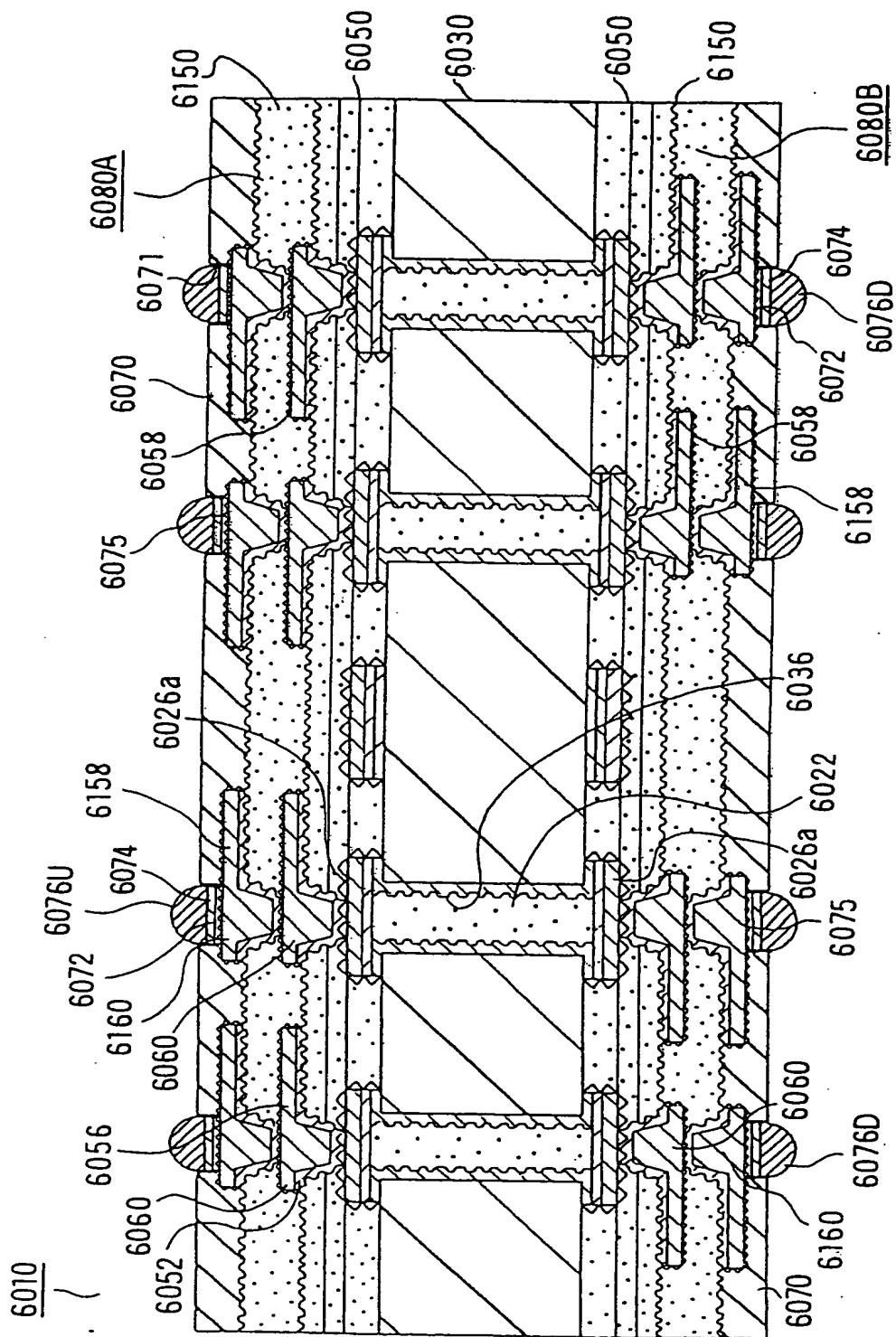


Fig. 50

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